Snyder Lot Site
550 E. Plume Street
Norfolk, Virginia 23504

Limited Phase II Environmental Site Assessment

City of Norfolk
Office of Resilience
501 Boush Street
Norfolk, VA 23510

SCS ENGINEERS

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1 INTRODUCTION

SCS Engineers has completed a Limited Phase II Environmental Site Assessment (ESA) for the Snyder Lot Site located at 550 E. Plume Street in Norfolk, Virginia (hereafter, the Subject Property). The work was performed in accordance with SCS's proposal to the City of Norfolk Office of Resilience (Client), and accepted by the Client on February 13, 2020. The Subject Property is located on the city block bounded by E. City Hall Avenue (north), E. Plume Street (south), St. Paul's Boulevard (east) and an Electrical substation (west) in Norfolk, Virginia (Site Location Map; **Figure 1** in **Appendix A**).

The property parcels that make up the Subject Property are described in the Norfolk Tax Records as:

Parcel S-R-A – GPIN No. 1437056318
(Identified in the city tax records as 550 E. Plume Street)

The parcel (totaling an estimated 1.259 acres) is currently comprised of a parking lot. A Site Features Map is provided as **Figure 2** in **Appendix A**.

On November 1, 2019, Mr. Keith Matteson of SCS conducted a visual reconnaissance of the Subject Property and surrounding properties for the purpose of completing a Phase I ESA. A summary is provided as **Section 1.1.1** of this report. As three recognized environmental conditions (RECs) and one potential vapor encroachment condition (VEC) were identified in the Phase I ESA report, SCS recommended that a Limited Phase II ESA be conducted.

SCS performed a Limited Phase II ESA on March 11, 2020, which incorporated findings of the geophysical/ferromagnetic survey conducted on March 4, 2020. The survey, which utilized ground penetrating radar (GPR) and magnetic locator technology, was performed to investigate for buried objects such as underground storage tanks (USTs), underground utilities, and other potential subsurface metallic objects or anomalies **(see Appendix E)**. In accordance with Virginia regulation 9 VAC 25-580 et seq. (entitled "Underground Storage Tanks: Technical Standards and Corrective Action Requirements"), the Limited Phase II ESA investigated on-site soils and groundwater for evidence of environmental impacts, and specifically in the general vicinity of the concrete pad and identified UST excavation basin. The investigation included the advancement of seven (7) soil borings (B-1 through B-7) for the collection of soil samples for laboratory analysis, the collection of seven (7) groundwater samples (TMW-1 through TMW-7) and one (1) duplicate groundwater sample (TMW-1D) for laboratory analysis.

1.1 PROPERTY HISTORY & BACKGROUND

The following is a summary of the January 2020 Phase I ESA findings.

According to historical record sources (1887 Sanborn Map), the Subject Property was part of a larger land tract, which extended from Cove Street (City Hall Avenue) south to Main Street. The Subject Property was developed with an opera house, a drug store, a building labeled "furniture"; a candy factory; several stores along Church Street; and, tenements and dwellings. The Subject Property was first developed with residential and commercial properties from at least 1887 through 1950. A gasoline pump and associated structures were noted at the property from at least 1887 through 1898; a lumber shed was noted at the property in 1898; and, auto garages/auto repair were noted at the property from at least 1910 through 1928. On the 1970 Sanborn, one of the stores was labeled "Paints". It is unknown specifically how long these entities occupied the property; however,

these activities indicate a likelihood for petroleum handling. By 1974, the Subject Property was redeveloped as a parking lot and has remained a parking lot to present day.

Recognized Environmental Conditions (RECs):

- Prior use of the Subject Property for automotive operations including the use of a gasoline pump; and for auto garages, auto repair facilities and lumber storage represents a REC.
- The off-site Virginia Power facility (Former Gas Station) located at "539" or "541" E. City Hall Avenue (adjacent to the west of the Subject Property) is listed on the EDR database as a UST and LUST facility. The facility is mapped on-site; however, it is located on the adjacent property to the west. Three gasoline USTs were identified associated with the former gas station use (pre-1970), and the property was also operated as a US Post Office with a maintenance garage. The tanks were removed; soils and free product were removed and the case is closed. However, groundwater was not assessed. In addition, there was an additional UST depicted on the historical maps, which was not found. This off-site facility represents a REC.
- The off-Site City of Norfolk – E. Plume Street and St. Paul's Boulevard (adjacent to the southeast of the Subject Property) is listed on the EDR database as a LUST facility. This listing is associated with petroleum contamination identified during sewer line excavation work. The impacted soils were removed and the case is closed; however, groundwater was not assessed. This off-site facility represents a REC.

Historical Recognized Environmental Conditions (HRECs)

- Historical RECs were not identified during completion of this Phase I ESA.

Controlled Recognized Environmental Conditions (CRECs)

- Controlled RECs were not identified during completion of the January 2020 Phase I ESA.

Vapor Encroachment Condition (VEC):

- Based on the information obtained for this Phase I ESA, the potential for impacts from off-site sources (Virginia Power – Former Gas Station and City of Norfolk – E. Plume Street and St. Paul's Boulevard) is considered moderate, and the off-site sources represent a potential VEC to the Subject Property.

Adjoining Properties of Environmental Interest

The surrounding areas were developed with residential and commercial properties; however, there were also industrial uses of the surrounding area including a foundry and plow works. Additional development of commercial and industrial properties has occurred throughout the years in the immediate surrounding area. Adjacent properties of potential concern include a painting operation and machine shop/auto repair at the Post Office garage to the west; an automotive filling station to the southwest; and dry cleaning and furniture making operations to the south and east.

1.2 INVESTIGATION OBJECTIVES

Due to the past uses of potential environmental concern on the Subject Property and adjoining properties, SCS recommended that a limited subsurface assessment be conducted to evaluate the

potential for soil and groundwater to have been impacted by currently regulated substances. Our recommendations included advancement of seven (7) direct-push borings to an approximate depth of 10 to 12 feet below ground surface (bgs).

This Limited Phase II ESA was conducted in general conformance with the methods described in the Field Sampling Plan (FSP) for Limited Phase II Environmental Site Assessment for Petroleum Sites prepared by SCS dated February 12, 2020. The use of the methods described in the FSP provides a framework for employing good commercial and customary practices in conducting Phase II ESAs.

Applicable regulatory screening and reporting levels were used when comparing the site's detected soil and groundwater constituent concentrations. Screening and reporting levels serve as indicators of findings that may require further investigation. The Virginia Voluntary Remediation Program (VRP) Tier II Screening Levels - Residential Table 2.0 dated June 2019, the EPA Region III Screening Levels (RSLs) Summary Table - Residential Soil November 2019, as well as the VDEQ Storage Tank Program reporting levels were used to evaluate the detected constituent concentrations.

1.3 LIMITATIONS

It should be understood our findings and conclusions presented will not be scientific certainties, but rather opinions based on our professional judgment concerning the significance of the data reviewed or obtained during the course of the study. SCS does not and cannot represent that the Subject Property contains no hazardous or toxic materials, products, or other latent conditions beyond that observed by SCS during limited Phase II ESA activities. Further, the services herein shall in no way be construed, designed, or intended to be relied upon as legal interpretation or advice.

This report has been prepared solely for the City of Norfolk (City) for its use and reliance in understanding the soil and groundwater conditions at the Subject Property. Reliance on this report by any other party may involve assumptions whose extent and nature lead to a distorted meaning and impact of the findings and opinions related herein. With the consent of the City and SCS, we may be available to discuss findings and opinions related specifically to other parties' unique risk management concerns related to the Subject Property.

2 PHYSICAL SETTING INFORMATION

2.1 TOPOGRAPHY AND SURFACE WATER CHARACTERISTICS

A topographic map for the Subject Property's vicinity was reviewed and is summarized as follows:

Reported Elevation	Approximately 7 feet above mean sea level.
Reported Slope Direction	The topography of the Subject Property is relatively flat, with rainwater allowed to runoff into surrounding street stormwater inlets. The Subject Property appears to have been filled when the lot was constructed, as the elevation is higher than street level. Shallow groundwater flow is inferred to be southwesterly towards the Elizabeth River.
Source	United States Geological Survey 7.5 Minute Topographic Maps, Norfolk South, Virginia, 2013.

2.2 REGIONAL GEOLOGY

The Subject Property is located in the Atlantic Coastal Plain physiographic province, which consists of an eastward-thickening wedge of stratified, unconsolidated to semi-consolidated alluvial and marine deposits. The sediments consist primarily of sand, clay, silt, and gravel with various amounts of shell material that range in age from Cretaceous to Holocene. Underlying the Coastal Plain sediments is a basement rock surface composed of igneous and metamorphic rocks that range in age from Precambrian to Paleozoic. The consolidated rock basement surface forms the basal limit of the Coastal Plain hydrogeologic system, greater than 2,000 feet below the ground surface. Near-surface soil conditions at the Subject Property may have been altered by construction and other activities associated with present day development.

According to the Environmental Data Resources' (EDR's) Report Geocheck Physical Setting Source (in the January 2020 Phase I ESA), the lithology in the vicinity of the Subject Property is described as being from the Cenozoic Era, the Quaternary System, and the Pleistocene Series. The Subject Property is reported to be underlain by Urban Land soils.

2.3 REGIONAL GROUNDWATER CONDITIONS

According to topographic map interpretation, the Subject Property is generally flat with a gentle slope to the southwest. The regional shallow groundwater flow direction is assumed to be to the south/southwest towards the Eastern Branch of the Elizabeth River; however, the shallow groundwater flow direction may be locally influenced by Subject Property drainage, nearby pumping wells, and other factors. According to topographic map interpretation, the Subject Property is generally flat with rainwater allowed to runoff into surrounding street stormwater inlets.

3 FIELD ACTIVITIES

3.1 BORING ADVANCEMENT AND SOIL SAMPLING

Drilling activities were performed on March 11, 2020 using direct-push technology provided by Fishburne Drilling of Chesapeake, Virginia. Soil borings (B-1 through B-7; **Figure 3** in **Appendix A**) were advanced to total depths of approximately 10 to 12 feet bgs using a Geoprobe Systems 5410 direct-push rig. The following borings were advanced at the areas of concern:

- one boring (B-1) in the area of the former "imperial gas machine",
- one borings (B-7) in the area of the former "lumber shed, auto repairing and garage area",
- one boring (B-2) in the northwest corner of the Subject Property,
- one boring (B-5) in the southeast corner of the Subject Property,
- two borings (B-4 and B-6) in the central area of the Subject Property and
- one boring (B-3) in the northeast corner of the Subject Property.

Prior to the advancement of the borings on the Subject Property and in addition to the State required public utilities clearance (Miss Utilities of Virginia), Accumark Subsurface Utility Services surveyed two specific areas on March 4, 2020. These two areas of concern are the former "Imperial Gas Machine" and Former "Lumber Shed and Auto Repairing/Garage" (**Appendix A - Figure 2**).

Stainless steel rods with two-inch diameter core barrels equipped with disposable acetate liners were hydraulically driven into the subsurface to obtain continuous soil samples from the ground surface to termination of probing at each boring location. The soil samples were collected for lithological characterization, visual inspection, field screening and laboratory analysis. Once retrieved, soil was logged by the field engineer in accordance with the Unified Soil Classification System (soil boring logs are included in **Appendix B**.)

Photoionization detector (PID) field screening of the soil cores was conducted during sample collection using a MiniRAE 3000 volatile organic compound (VOC) monitor equipped with an 11.6 eV lamp. No significant VOC readings above background levels (<1.0 ppm) were recorded during the field work. No evidence of contamination (petroleum staining and/or petroleum hydrocarbon odor) was observed during the advancement of soil borings B-1 through B-7 during the Limited Phase II ESA investigation.

Representative soil samples were collected from each of the seven borings. Soil samples were transferred into clean, unused containers provided by the analytical laboratory. Samples were immediately placed on ice and stored at approximately 4° Celsius (C) until analysis.

The soil samples and coolers were transported to Eurofins (TestAmerica) Laboratories under chain-of-custody protocol for chemical analysis. The samples were subsequently analyzed for semi-volatile organic compounds (SVOCs, EPA Method 8270D standard analyte list), total petroleum hydrocarbons - gasoline range organics (TPH-GRO, EPA Method 8015C), total petroleum hydrocarbons – diesel range organics (TPH-DRO, EPA Method 8015C), volatile organic compounds (VOCs, EPA Method 8260B Target Compound List), polychlorinated biphenyls (PCBs, EPA Method 8082A), RCRA Metals (EPA Method 6010C), and Mercury (EPA Method 7471B). The samples were

analyzed and handled according to the laboratory's QA/QC Plan. Equipment and field blanks were not needed, as no decontamination of sampling equipment was performed.

Laboratory results for soil samples are presented in **Table 1**. Soil boring logs are included in **Appendix B**. The Eurofins analytical laboratory report and chain of custody (COC) documentation are provided in **Appendix D.**

3.2 GROUNDWATER SAMPLING

One-inch diameter Schedule 40 PVC (new with threaded flush joints) temporary groundwater monitoring wells (TMW-1 through TMW-7) were installed immediately following borehole advancement to collect groundwater samples from the upper portion of the saturated zone (shallow sample). Field QA/QC sampling included collection of a duplicate groundwater sample (TMW-1 D). The screened sections of the wells were placed from the bottom of the borings (10 to 12 feet bgs) to approximately 2 feet bgs (across the top of the water table) with solid PVC pipe to the ground surface. Filter sand was then placed from the bottom of the borings to approximately 6 inches above the top of the screened sections, followed by bentonite pellets (hydrated) to the ground surface. The shallow groundwater samples were subsequently collected from the wells using a peristaltic pump with dedicated tubing on March 11, 2020 and March 18, 2020. The peristaltic pump tubing inlet was placed at approximately a foot from the bottom of the screened section of the wells. The relative elevations of the tops of the well casings were surveyed, and the water levels in each well were measured prior to sampling.

Groundwater samples were collected from each of the seven temporary wells. Groundwater samples were transferred into clean, unused containers provided by the analytical laboratory. Samples were immediately placed on ice and stored at approximately 4° Celsius (C) until analysis.

The groundwater samples and coolers were transported to Eurofins (TestAmerica) Laboratories for chemical analysis. The samples were subsequently analyzed for Total Petroleum Hydrocarbons - Gasoline Range Organics (EPA Method 8015C), Total Petroleum Hydrocarbons - Diesel Range Organics (EPA Method 8015C), Volatile Organic Compounds (EPA Method 8260B), Target Compound List Polychlorinated Biphenyls (EPA Method 8082A), RCRA Metals (EPA Method 6010C), and Mercury (EPA Method 7471B). The samples were analyzed and handled according to the laboratory's QA/QC Plan. Equipment and field blanks were not needed, as no decontamination of sampling equipment was performed.

Laboratory results for groundwater samples are presented in **Table 2.** Groundwater sampling logs are included in **Appendix C**. The Eurofins analytical laboratory report and COC documentation are provided in **Appendix D.**

4 FINDINGS

4.1 GEOLOGY AND HYDROGEOLOGY

In general, the Subject Property's geology consists of Cretaceous to Holocene age sediments that include sand, clay, silt, and gravel with various amounts of shell material. Unconsolidated subsurface materials encountered during this investigation consisted primarily of a silty sand layer underlain by a clay layer. The clay is generally gray with orange streaking and is of high plasticity. Below the clay layer is a gray-brown-tan colored silty sand to the bottom of each boring. The silty sand is generally well-graded. Groundwater was generally encountered in the borings at depths ranging from 6 to 8.5 feet bgs. Soil boring logs are included in **Appendix B**.

4.2 SOIL ANALYTICAL RESULTS

Risk-based screening levels are concentrations derived from standardized equations combining exposure information assumptions with EPA toxicity data. Screening levels are considered by the Agency to be protective for humans over a lifetime; however, such screening levels are generic and not always applicable to a particular site (i.e., they are calculated without site-specific information). The following presents a summary of detections of soil samples collected during this investigation:

Acetone: Two (2) soil samples (B-1 and B-6) exhibited a laboratory detection of acetone at a concentration of 0.056 mg/Kg and 0.015 J mg/Kg, respectively. Both are below the Voluntary Remediation Program (VRP) Tier II Residential Screening Level of 5.74 mg/Kg, the EPA Region III Regional Screening Level (RSL) of 6,100 mg/Kg, the EPA Region III Industrial RSL of 67,000 mg/Kg, and the EPA Region III Risk-based RSL of 0.29 mg/Kg (see **Table 1**). Acetone was not detected in soil samples B-2, B-3, B-4, B-5, or B-7.

Arsenic: All seven (7) soil samples exhibited laboratory detections of arsenic, at concentrations above the EPA Region III RSL of 0.68 mg/Kg and the EPA Region III Risk-based RSL of 0.0015 mg/Kg (see **Table 1**). The VRP Tier II Residential Screening Level is 3.5 mg/Kg. The detected concentrations of arsenic in soil samples B-1, B-2, B-3, B-5, B-6 and B-7 ranged from 1.9 to 4.5 mg/Kg, which according the EPA is within the range of naturally occurring arsenic for this region.

Barium: All seven (7) soil samples exhibited detections of barium at concentrations below the Voluntary Remediation Program (VRP) Tier II Residential Screening Level of 1,500 mg/Kg, the EPA Region III Regional Screening Level (RSL) of 1,500 mg/Kg, the EPA Region III Industrial RSL of 22,000 mg/Kg, and the EPA Region III Risk-based RSL of 82 mg/Kg (see **Table 1**). The detected concentrations of barium ranged from 6.5 to 68 mg/Kg.

Cadmium: One (1) soil samples (B-4) exhibited a laboratory detection of cadmium at a concentration of 0.11 J mg/Kg, which is below the Voluntary Remediation Program (VRP) Tier II Residential Screening Level of 7.1 mg/Kg, the EPA Region III Residential Regional Screening Level (RSL) of 71 mg/Kg, and the EPA Region III Industrial RSL of 980 mg/Kg (see **Table 1**). Cadmium was not detected in soil samples B-1, B-2, B-3, B-5, B-6 or B-7.

Chromium: All seven (7) soil samples exhibited detections of total chromium, although not at concentrations above VRP Tier II Screening Level of 3,600,000 mg/Kg (see **Table 1**). The detected concentrations of total chromium ranged from 5.2 to 16 mg/Kg, which is within the range of naturally occurring chromium for this region. Evaluation of speciated chromium (e.g., chromium VI, hexavalent chromium) was not part of the approved Field Sampling Plan (FSP).

Lead: All seven (7) soil samples exhibited detections of lead, although not at concentrations above the VRP Tier II Residential Screening Level of 400 mg/Kg, the EPA Region III Residential RSL of 400 mg/Kg, or the EPA Region III Industrial RSL of 800 mg/Kg (see **Table 1**). The detected concentrations of lead ranged from 2.2 to 93 mg/Kg, which is within the range of naturally occurring lead for this region.

Mercury: Two (2) soil samples exhibited detections of mercury (B-1 at 0.28 mg/Kg and B-2 at 0.32 mg/Kg), at concentrations above the EPA Region III Risk-based RSL of 0.003 mg/Kg, but below the VRP Tier II Residential Screening Level of 1.1 mg/Kg, the EPA Region III Residential RSL of 1.1 mg/Kg, and the EPA Region III Industrial RSL of 4.6 mg/Kg (see **Table 1**). The detected concentrations of mercury are within the range of naturally occurring mercury for this region. Mercury was not laboratory detected in soil samples B-3, B-4, B-5, B-6, or B-7.

Bis(2-ethylhexl)phalate: One (1) soil sample (B-3) exhibited a laboratory detection of bis(2-ethylhexl)phalate at a concentration of 0.0039 J B mg/Kg, below the Voluntary Remediation Program (VRP) Tier II Residential Screening Level of 28.73 mg/Kg, (see **Table 1**). Bis(2-ethylhexl)phalate was not detected in soil samples B-1, B-2, B-4, B-5, or B-7.

TPH-DRO: All seven (7) of the soil samples, exhibited detections of TPH-DRO in the soil samples (see **Table 1**). The TPH-DRO concentration at B-1 was 130 mg/Kg, which slightly exceeds the VDEQ reporting level (100 mg/Kg). The detected concentrations of TPH-DRO ranged from 2.3 J to 130 mg/Kg.

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Soil Sampling Results Summary

Sample No.	Depth Interval (fee)	Laboratory Detected Constituent	Laboratory Detected Concentration	DEQ VRP Tier II Screening Level (2)	EPA Region III Residential RSL (3)	EPA Region III Industrial RSL (4)	EPA Region III Risk-Based RSL (5)	VDEQ Reporting Limit	Units
B-1	4-6	Acetone	0.056	5.74	6,100	67,000	0.29	NA	mg/Kg
		Diesel Range Organics	**130**	NA	NA	NA	NA	100	mg/Kg
		Arsenic	**2.5**	3.5	0.38	3	0.0015	NA	mg/Kg
		Barium	68	1,500	1,500	22,000	82	NA	mg/Kg
		Chromium	13	3,600,000	NA	NA	NA	NA	mg/Kg
		Lead	17 B	400	400	800	NA	NA	mg/Kg
		Mercury	**0.28**	1.1	1.1	1.6	0.003	NA	mg/Kg
B-2	4-6	Diesel Range Organics	5.8 J	NA	NA	NA	NA	100	mg/Kg
		Arsenic	**2.9**	3.5	0.68	3	0.0015	NA	mg/Kg
		Barium	48	1,500	1,500	22,000	82	NA	mg/Kg
		Chromium	10	3,600,000	NA	NA	NA	NA	mg/Kg
		Lead	93 B	400	400	800	NA	NA	mg/Kg
		Mercury	**0.32**	1.1	1.1	4.6	0.003	NA	mg/Kg
B-3	6-8	Bis(ethylhexl) phthalate	0.039 J B	28.73	NA	NA	NA	NA	mg/Kg
		Diesel Range Organics	2.4 J	NA	NA	NA	NA	100	mg/Kg
		Arsenic	**1.9**	3.5	0.68	3	0.0015	NA	mg/Kg
		Barium	6.5	1,500	1,500	22,000	82	NA	mg/Kg
		Chromium	5.2	3,600,00	NA	NA	NA	NA	mg/Kg
		Lead	2.2 B	400	400	800	NA	NA	mg/Kg
B-4	6-8	Diesel Range Organics	2.3 J	NA	NA	NA	NA	100	mg/Kg
		Cadmium	0.11 J	7.1	71	980	NA	NA	mg/Kg
		Arsenic	**4.5**	3.5	0.38	3	0.0015	NA	mg/Kg
		Barium	17	1,500	1,500	1,500	22,000	82	mg/Kg
		Chromium	7.7	3,600,000	NA	NA	NA	NA	mg/Kg
		Lead	6.0	400	400	800	NA	NA	mg/Kg
B-5	6-8	Diesel Range Organics	22	NA	NA	NA	NA	100	mg/Kg
		Arsenic	**2.1**	3.5	0.68	3	0.0015	NA	mg/Kg
		Barium	31	1,500	1,500	22,000	82	NA	mg/Kg
		Chromium	16	3,600,00	NA	NA	NA	NA	mg/Kg
		Lead	5.7 B	400	400	800	NA	NA	mg/Kg

Sample No.	Depth Interval (fee)	Laboratory Detected Constituent	Laboratory Detected Concentration	VDEQ VRP Tier II Screening Level (2)	EPA Region III Residential RSL (3)	EPA Region III Industrial RSL (4)	EPA Region III Risk-Based RSL (5)	VDEQ Reporting Limit	Units
B-6	6-8	Acetone	0.015 J	3.5	6,100	670,000	2.9	NA	mg/Kg
		Diesel Range Organics	2.3 J	NA	NA	NA	NA	100	mg/Kg
		Arsenic	**2.3**	3.5	0.68	3	0.00153	0.0015	mg/Kg
		Barium	20	1,500	1,500	1,500	22,000	82	mg/Kg
		Chromium	9.1	3,6000,000	NA	NA	NA	NA	mg/Kg
		Lead	5.1 B	400	400	800	NA	NA	mg/Kg
B-7	4-6	Diesel Range Organics	3.7 J	NA	NA	NA	NA	100	mg/Kg
		Arsenic	**1.9**	3.5	0.68	3	0.0015	NA	mg/Kg
		Barium	19	3.5	1,500	22,000	82	NA	mg/Kg
		Chromium	10	3,600,000	3NA	NA	NA	NA	mg/Kg
		Lead	4.6 B	400	400	800	NA	NA	mg/Kg

Notes:

(1) Samples collected March 11, 2020

(2) VDEQ VRP Tier II Screening Levels - Residential Table 2.0

(3) EPA RSL Soil Table (TR=1E-06) Residential November 2019

(4) EPA RSL Soil Table (TR=1E-06) Industrial November 2019

(5) EPA RSL Soil Table (TR=1E-06) Risk-based November 2019

(6) VDEQ Reporting Levels Storage Tank Program Technical Manual

Bold = Above Applicable Screening and/or Reporting Levels

B – Compound was found in the blank and sample

J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

NA - Not Applicable

*To identify analytical data that may not represent valid results, data from the soil and groundwater monitoring events were validated by the laboratory and SCS in accordance with EPA guidance. “B” qualifier — means the chemical was found in both the sample and a “blank”. When chemicals are found in both the blank and the test sample, the reported value is qualified with a “B” to show the uncertainty in the source of the contamination, so it is uncertain whether the contamination was present in the water from the test area or whether it was introduced by the laboratory or elsewhere.

**A *J* included with the result means that the analytical laboratory has flagged it (or *J-flagged*) that the value being reported is an estimate. The analytical laboratory has analytical equipment for measuring concentrations in samples down to a certain limit. That is called the Reporting Limit (RL) or sometimes called the Practical Quantitation Limit (PQL), it just depends on the analytical laboratory. This is the lowest limit possible that the laboratory feels that they can give you an accurate result “J” qualifier used to note that the reported concentration is considered estimated. The “J-flag” is used whenever the measured concentration is lower than the RL but above the MDL.

4.3 GROUNDWATER ANALYTICAL RESULTS

The following presents a summary of detections of groundwater samples collected during this investigation:

SVOCs:
Concentrations of the bis(2-ethylhexl)phthalate exceeded the VRP Tier II Screening Level of 6 ug/L and the EPA Region III RSL of 6 ug/L in the groundwater samples collected from TMW-1, TMW-2, and TMW-3 at 13 ug/L, 23 ug/L, and 11 ug/L, respectively (see **Table 2).** Bis(2-ethylhexl)phthalate was not detected in the groundwater samples collected from TMW-4, TMW-5, TMW-6, TMW-7 or TMW-1D.

Concentrations of caprolactam were detected in the groundwater sample collected from TMW-2 TMW-5, TMW-7 and TMW-1D at concentrations of 6.9 J ug/L, 13 ug/L, 5.5 J ug/L and16 J ug/L, respectively. None of the detected concentrations exceeded the VRP Tier II Screening Level of 10 ug/L (see **Table 2**). Caprolactam was not detected in the groundwater samples collected from TMW-1, TMW-3, TMW-4, or TMW-7.

Benzo(a)pyrene, benzo(b)fluoranthene and benzo(k)fluoranthene were detected in groundwater samples collected from TMW-1, TMW-2 and TMW-3 (see **Table 2).**. None of the detected concentrations exceeded the VRP Tier II Screening Levels or the EPA Region III RSL. Benzo(a)pyrene, benzo(b)fluoranthene and benzo(k)fluoranthene were not detected in groundwater samples collected from TMW-4, TMW-5 and TMW-6, TMW-7 or TMW-1D.

TPH-DRO: All eight (8) soil samples exhibited detections of TPH-DRO at concentrations below the VDEQ Reporting Level of 1,000 ug/L (see **Table 2**). The detected concentrations of TPH-DRO ranged from 220 B to 510 B ug/L.

TPH-DRO - RE: All eight (8) soil samples exhibited detections of TPH-DRO-RE at concentrations below the VDEQ Reporting Level of 1,000 ug/L (see **Table 2**). The detected concentrations of TPH-DRO-RE ranged from 98 J H B to 150 H B ug/L.

Arsenic: Concentrations of arsenic exceeded the VRP Tier II Screening Level, the EPA Region III RSL and/or the VDEQ Screening Level from TMW-1 at 3.5 J ug/L, TMW-2 at 12 ug/mL, TMW-3 at 3.7 J ug/L, TMW-5 at 3.0 J ug/L, TMW-6 at 28 ug/L, TMW-7 at 5.5 J ug/L and TMW-1D at 3.2 J ug/L (see **Table 2**). The detected concentrations of arsenic are within the range of naturally occurring mercury for this region Laboratory detectable concentrations ranged from 3.0 J ug/L to 28 ug/L.

Barium: Concentrations of barium were detected in the groundwater samples collected from all seven (7) temporary groundwater monitoring wells and TMW-1D. Laboratory detectable concentrations ranged from 33 to 210 ug/L (see **Table 2**). None of the detected concentrations exceeded the VRP Tier II Screening Level of 2,000 ug/L or the EPA Region III RSL of 2,000 ug/L.

Chromium: Concentrations of chromium were detected in the groundwater samples collected from TMW-1, TMW-5, TMW-7 and TMW-1D. None of the detected concentrations exceeded the VRP Tier II Screening Level of 100 ug/L or the EPA Region III RSL of 100 ug/L. Laboratory detectable concentrations ranged from 11 to 16 ug/L (see **Table 2**). The detected concentrations of chromium are within the range of naturally occurring mercury for this region. Chromium was not detected in groundwater samples TMW-2, TMW-3, TMW-4, or TMW-6.

Lead: Concentrations of lead were detected in the groundwater samples collected from TMW-1 at 28 ug/L, TMW-7 at 29 ug/L, and TMW-1D at 27 ug/L, which exceeded the VRP Tier II Screening Level of 15 ug/L and the EPA Region III RSL of 15 ug/L (see **Table 2**) . Groundwater samples were detected

at TMW-2 at 7 J ug/L, TMW-3 at 3.7 J ug/L, TMW-4 at 4.5 J ug/L, TMW-5 at 4.8 J ug/L, and TMW-6 at 8.2 J ug/L, but did not exceed the VRP Tier II Screening Level or the EPA Region III RSL. The detected concentrations of lead are within the range of naturally occurring mercury for this region. Laboratory detectable concentrations ranged from 3.7 J ug/L to 29.0 ug/L.

Selenium: Concentrations of selenium were detected in the groundwater samples collected from TMW-4 at 15 ug/L and TMW-5 at 23.0 ug/L (see **Table 2**). The detected concentrations did not exceeded the VRP Tier II Screening Level of 50 ug/L or the EPA Region III RSL of 50 ug/L. Selenium was not detected in groundwater samples TMW-1, TMW-2, TMW-3, TMW-6, TMW-7 or TMW-1D.

Benzoic Acid: A concentration of benzoic acid was detected in the groundwater sample collected fromTMW-1D at 14 J ug/L(See **Table 2**), which is below the VRP Tier II Screening level, the EPA Region III RSL and The VDEQ Reporting Level. Benzoic acid was not detected in TMW-1, TMW-2, TMW-3, TMW-4, TMW-5, TMW-6, or TMW-7.

Table 2. Groundwater Sampling Results Summary

Sample No.	Detected Constituent	Detected Concentration	VRP Tier II Screening Level (2)	EPA Region III RSL (3)	VDEQ Reporting Level (4)	Units
TMW-1	Benzo(a)pyrene	0.26 J	0.20	0.025	NA	ug/L
	Benzo (b)fluoranthene	0.25 J	2.50	0.25	NA	ug/L
	Benzo(k)fluoranthene	0.33 J	25.00	2.5	NA	ug/L
	Bis (2-ethylhexl) phthalate	**13**	6	6	NA	ug/L
	Diesel Range Organics [C10-C28]	370 B	NA	NA	1000	ug/L
	Diesel Range Organics [C10-C28] -RE	150 H B	NA	NA	1000	ug/L
	Arsenic	3.5 J	10	0.052	NA	ug/L
	Barium	210	2000	2000	NA	ug/L
	Chromium	16	100	100	NA	ug/L
	Lead	**28**	15	15	NA	ug/L
TMW-2	Benzo(a)pyrene	0.25 J	0.20	0.025	NA	ug/L
	Benzo (b)fluoranthene	0.28 J	2.50	0.25	NA	ug/L
	Benzo(k)fluoranthene	0.26 J	25.00	2.5	NA	ug/L
	Bis (2-ethylhexl) phthalate	**23**	6	6	NA	ug/L
	Caprolactam	6.9 J	990	NA	NA	ug/L
	Diesel Range Organics [C10-C28]	410 B	NA	NA	1000	ug/L
	Diesel Range Organics [C10-C28] - RE	100 J H B	NA	NA	1000	ug/L
	Arsenic	**12**	10	10	0.052	ug/L
	Barium	130	2000	2000	NA	ug/L
	Lead	7 J	15	15	NA	ug/L
	Silver	1.1 J				ug/L
TMW-3	Benzo(a)pyrene	0.24 J	0.20	0.025	NA	ug/L
	Benzo (b)fluoranthene	0.19 J	2.50	0.25	NA	ug/L
	Benzo(k)fluoranthene	0.21 J	25.00	2.5	NA	ug/L
	Bis (2-ethylhexl) phthalate	**11**	6	6	NA	ug/L
	Diesel Range Organics [C10-C28]	220 B	NA	NA	1000	ug/L
	Diesel Range Organics [C10-C28]	100 J H B	NA	NA	1000	ug/L
	Arsenic	3.7 J	10	10	0.052	ug/L
	Barium	33	2000	2000	NA	ug/L

Sample No.	Detected Constituent	Detected Concentration	VRP Tier II Screening Level (2)	EPA Region III RSL (3)	VDEQ Reporting Level (4)	Units
	Lead	2.3 J	15	15	NA	ug/L
TMW-4	Barium	130	2000	2000	NA	ug/L
	Lead	4.5 J	15	15	NA	ug/L
	Selenium	15 J	50	50	NA	ug/L
	Diesel Range Organics	270 B	NA	NA	1000	ug/L
	Diesel Range Organics -RE	98 J H B	NA	NA	1000	ug/L
TMW-5	Caprolactam	13	990	NA	NA	ug/L
	Diesel Range Organics [C10-C28]	250 B	NA	NA	1000	ug/L
	Diesel Range Organics [C10-C28] - RE	100 J H B	NA	NA	1000	ug/L
	Arsenic	3 J	10	10	0.052	ug/L
	Barium	110	2000	2000	NA	ug/L
	Chromium	11	100	100	NA	ug/L
	Lead	4.8 J	15	15	NA	Ug/L
	Selenium	23	50	50	NA	ug/L
TMW-6	Diesel Range Organics [C10-C28]	510 B	NA	NA	1000	ug/L
	Diesel Range Organics [C10-C28] -RE	150 H B	NA	NA	1000	ug/L
	Arsenic	**28**	10	10	NA	ug/L
	Barium	210	2000	2000	NA	ug/L
	Lead	8.2 J	15	15	NA	ug/L
TMW-7	Caprolactam	5.5 J	990	NA	NA	ug/L
	Diesel Range Organics [C10-C28]	340 B	NA	NA	1000	ug/L
	Diesel Range Organics [C10-C28] - RE	100 J H B	NA	NA	1000	ug/L
	Arsenic	**13**	10	10	NA	ug/L
	Barium	200	2000	2000	NA	ug/L
	Chromium	13	100	100	NA	ug/L
	Lead	**29**	15	15	NA	ug/L
Duplicate TMW-1 D	Benzoic Acid	14 J	7,500	75,000	NA	ug/L
	Caprolactam	16	990	NA	NA	ug/L
	Diesel Range Organics [C10-C28]	360 B	NA	NA	1000	ug/L

Sample No.	Detected Constituent	Detected Concentration	VRP Tier II Screening Level (2)	EPA Region III RSL (3)	VDEQ Reporting Level (4)	Units
	Diesel Range Organics [C10-C28] -RE	130 H B	NA	NA	1000	ug/L
	Arsenic	3.2 J	10	10	NA	ug/L
	Barium	210	2000	2000	NA	ug/L
	Chromium	15	100	100	NA	ug/L
	Lead	**27**	15	15	NA	ug/L

(1) Groundwater Samples collected March 11 and March 18, 2020

(2) VRP Tier II Screening Levels - Residential Table 2.0 dated June 2019

(3) EPA Regional Screening Level (RSL) Summary Table (TR=1E-06, HQ=1) Residential Groundwater November 2019

(4) VDEQ Reporting Level Storage Tank Program Technical Manual Fourth Edition May 2011

*B = Detected in the method blank
**J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
H = Outside of holding time
NA – Not Applicable
Bold = Above Applicable Screening and/or Reporting Levels

*To identify analytical data that may not represent valid results, data from the soil and groundwater monitoring events were validated by the laboratory and SCS in accordance with EPA guidance. "B" qualifier — means the chemical was found in both the sample and a "blank". When chemicals are found in both the blank and the test sample, the reported value is qualified with a "B" to show the uncertainty in the source of the contamination, so it is uncertain whether the contamination was present in the water from the test area or whether it was introduced by the laboratory or elsewhere.

**A *"J"* included with the result means that the analytical laboratory has flagged it (or *J-flagged*) that the value being reported is an estimate. The analytical laboratory has analytical equipment for measuring concentrations in samples down to a certain limit. That is called the Reporting Limit (RL) or sometimes called the Practical Quantitation Limit (PQL), it just depends on the analytical laboratory. This is the lowest limit possible that the laboratory feels that they can give you an accurate result "J" qualifier used to note that the reported concentration is considered estimated. The "J-flag" is used whenever the measured concentration is lower than the RL but above the MDL.

4.4 QUALITY CONTROL ANALYTICAL RESULTS AND DATA VALIDATION

Laboratory QA/QC involves the routine collection and analysis of method reagent blanks, matrix spike and matrix spike duplicate (MS/MSD) samples, and laboratory control samples (LCS). A brief summary of each of these is presented below:

- Method Reagent Blank – The method reagent blank is deionized water subjected to the same reagents and manipulations to which site samples are subjected. Positive results in the method reagent blank may indicate either contamination of the chemical reagents

or the glassware and implements used to store or prepare the sample and resulting solutions.

- **Matrix Spike/Matrix Spike Duplicate** – A matrix spike is an aliquot of a field sample with a known concentration of target parameter added to it. A matrix spike duplicate is an intra-laboratory split sample spiked with a known concentration of target parameter. Spiking for each occurs prior to sample analysis. MS/MSD samples are collected for every batch of twenty or fewer samples. Matrix spike recoveries are used to indicate what effect the sample matrix may have on the reported concentration and/or the performance of the sample preparation and analysis.

- **Laboratory Control Samples** – These samples generally consist of deionized water injected with the parameters of interest for single parameter methods and selected parameters for multi-parameter methods according to the appropriate analytical method. LCS are prepared and analyzed for each batch containing twenty or fewer samples. LCS recoveries are used to monitor analytical accuracy.

Field and laboratory QA/QC also involved the collection and analysis of a duplicate field groundwater sample. Duplicates are two separate samples collected independently in such a manner that they equally represent the medium at a given time and location. Co-located samples provide intra-laboratory precision information for the entire measurement system, including sample collection, homogeneity, handling, shipping, storage, preparation, and analysis.

TPH-DRO was detected in the method blank during the first extraction and re-extracted for a second analysis, in which TPH-DRO was also detected, but at a significantly lower level. **Table 3** summarizes the parameter detection from the method blank extraction and re-extraction.

Table 3. Quality Control Detects Summary

Blank ID	Parameter	Concentration (ug/L)	RL (ug/L)
Method Blank	Diesel Range Organics (DRO)	370	1000
Method Blank-RE	Diesel Range Organics (DRO)	150 H	1000

RE – RE-Extraction
RL = Reporting Limit
ug/L = micrograms per liter

Table 4 compares the duplicate sample to the original sample for the detected parameters. In general, a goal of Relative Percent Differences (RPDs) less than 20% is desirable. Duplicate results were generally consistent with the original results and the RPD was less than 20%.

Table 4. Duplicate Comparison Summary

Parameter	TMW-1 Concentration (ug/L)	TMW-1 DUP Concentration (ug/L)	% Difference
Diesel Range Organics (DRO)	370 B	360 B	1%

DUP = Duplicate sample
ug/L = micrograms per liter
H – Analyzed outside holding time

To identify analytical data that may not represent valid results, data from the soil and groundwater monitoring events were validated by the laboratory and SCS in accordance with EPA guidance. Samples with parameter detections less than five times that of the blank detections, but greater than the laboratory's Limit of Detection (LOD) are flagged with a "B" qualifier. Samples with common lab contaminant parameter detections less than 10 times that of blank detection, but greater than the laboratory's LOD are flagged with a "B" qualifier. B qualified detections are considered not validated as the detection may be anomalous to due to sampling, laboratory, or transportation errors.

5 CONCLUSIONS

SOIL: The soil sample B-1 exhibited a detection of TPH-DRO at 130 mg/kg, which is above the VDEQ Reporting Limit. All seven (7) soil samples exhibited laboratory detections of arsenic, at concentrations above the EPA Region III RSL and the EPA Region III Risk-based RSL. All seven (7) soil samples exhibited detections of barium at concentrations below Voluntary Remediation Program (VRP) Tier II Residential Screening Level, the EPA Region III Regional Screening Level (RSL), the EPA Region III Industrial RSL, and the EPA Region III Risk-based RSL. All seven (7) soil samples exhibited detections of total chromium, although not at concentrations above VRP Tier II Screening Level. All seven (7) soil samples exhibited detections of lead, although not at concentrations above the VRP Tier II Residential Screening Level, the EPA Region III Residential RSL, or the EPA Region III Industrial RSL. Two (2) soil samples exhibited detections of mercury (B-1 and B-2), at concentrations above the EPA Region III Risk-based RSL, but below the VRP Tier II Residential Screening Level, the EPA Region III Residential, and the EPA Region III Industrial RSL.

Acetone: Two (2) soil samples (B-1 and B-6) exhibited a laboratory detection of acetone at a concentration of 0.056 mg/Kg and 0.015 J mg/Kg, respectively. Both are below the Voluntary Remediation Program (VRP) Tier II Residential Screening Level of 5.74 mg/Kg, the EPA Region III Regional Screening Level (RSL) of 6,100 mg/Kg, the EPA Region III Industrial RSL of 67,000 mg/Kg, and the EPA Region III Risk-based RSL of 0.29 mg/Kg (see Table 1). Acetone was not detected in soil samples B-2, B-3, B-4, B-5, or B-7.

Arsenic: All seven (7) soil samples exhibited laboratory detections of arsenic, at concentrations above the EPA Region III RSL of 0.68 mg/Kg and the EPA Region III Risk-based RSL of 0.0015 mg/Kg (see Table 1). The VRP Tier II Residential Screening Level is 3.5 mg/Kg. The detected concentrations of arsenic in soil samples B-1, B-2, B-3, B-5, B-6 and B-7 ranged from 1.9 to 4.5 mg/Kg, which according the EPA is within the range of naturally occurring arsenic for this region.

Barium: All seven (7) soil samples exhibited detections of barium at concentrations below the Voluntary Remediation Program (VRP) Tier II Residential Screening Level of 1,500 mg/Kg, the EPA Region III Regional Screening Level (RSL) of 1,500 mg/Kg, the EPA Region III Industrial RSL of 22,000 mg/Kg, and the EPA Region III Risk-based RSL of 82 mg/Kg (see Table 1). The detected concentrations of barium ranged from 6.5 to 68 mg/Kg.

Cadmium: One (1) soil samples (B-4) exhibited a laboratory detection of cadmium at a concentration of 0.11 J mg/Kg, which is below the Voluntary Remediation Program (VRP) Tier II Residential Screening Level of 7.1 mg/Kg, the EPA Region III Residential Regional Screening Level (RSL) of 71 mg/Kg, and the EPA Region III Industrial RSL of 980 mg/Kg (see Table 1). Cadmium was not detected in soil samples B-1, B-2, B-3, B-5, B-6 or B-7.

Chromium: All seven (7) soil samples exhibited detections of total chromium, although not at concentrations above VRP Tier II Screening Level of 3,600,000 mg/Kg (see Table 1). The detected concentrations of total chromium ranged from 5.2 to 16 mg/Kg, which is within the range of naturally occurring chromium for this region. Evaluation of speciated chromium (e.g., chromium VI, hexavalent chromium) was not part of the approved Field Sampling Plan (FSP).

Lead: All seven (7) soil samples exhibited detections of lead, although not at concentrations above the VRP Tier II Residential Screening Level of 400 mg/Kg, the EPA Region III Residential RSL of 400 mg/Kg, or the EPA Region III Industrial RSL of 800 mg/Kg (see Table 1). The detected concentrations of lead ranged from 2.2 to 93 mg/Kg, which is within the range of naturally occurring lead for this region.

Mercury: Two (2) soil samples exhibited detections of mercury (B-1 at 0.28 mg/Kg and B-2 at 0.32 mg/Kg), at concentrations above the EPA Region III Risk-based RSL of 0.003 mg/Kg, but below the VRP Tier II Residential Screening Level of 1.1 mg/Kg, the EPA Region III Residential RSL of 1.1 mg/Kg, and the EPA Region III Industrial RSL of 4.6 mg/Kg (see **Table 1**). The detected concentrations of mercury are within the range of naturally occurring mercury for this region. Mercury was not laboratory detected in soil samples B-3, B-4, B-5, B-6, or B-7.

Bis(2-ethylhexl)phalate: One (1) soil sample (B-3) exhibited a laboratory detection of bis(2-ethylhexl)phalate at a concentration of 0.0039 J B mg/Kg, below the Voluntary Remediation Program (VRP) Tier II Residential Screening Level of 28.73 mg/Kg, (see **Table 1**). Bis(2-ethylhexl)phalate was not detected in soil samples B-1, B-2, B-4, B-5, or B-7.

TPH-DRO: All seven (7) of the soil samples, exhibited detections of TPH-DRO in the soil samples (see **Table 1**). The TPH-DRO concentration at B-1 was 130 mg/Kg, which slightly exceeds the VDEQ reporting level (100 mg/Kg). The detected concentrations of TPH-DRO ranged from 2.3 J to 130 mg/Kg.

GROUNDWATER: Concentrations of the SVOC bis(2-ethylhexl)phthalate exceeded the VRP Tier II Screening Level and the EPA Region III RSL in the groundwater samples collected TMW-1, TMW-2, and TMW-3. Concentrations of caprolactam were detected in the groundwater samples collected from TMW-2 TMW-5, TMW-7 and TMW-1D. None of the detected concentrations exceeded the VRP Tier II Screening Level. Benzo(a)pyrene, benzo(b)fluoranthene and benzo(k)fluoranthene were detected in groundwater samples collected from TMW-1, TMW-2 and TMW-3. None of the detected concentrations exceeded the VRP Tier II Screening Levels or the EPA Region III RSL. Concentrations of TPH-DRO were detected groundwater samples collected from TMW-1, TMW-2, TMW-3, TMW-5, TMW-6, TMW-7, and TMW-1D. None of the detected concentrations exceeded the VRP Tier II Screening Level. Concentrations of arsenic were detected in the groundwater samples collected from TMW-2, TMW-6, and. All three (3) of the detected concentrations exceeded the VRP Tier II Screening Level. Concentrations of barium were detected in the groundwater samples collected from all seven (7) groundwater monitoring wells and TMW-1D, but did not exceed the VRP Tier II Screening Level. Concentrations of lead were detected in the groundwater samples collected from TMW-1, TMW-7, and TWM-1D and exceeded the VRP Tier II Screening Level and the EPA Region III RSL. Lead was not detected in groundwater samples TMW-2, TMW-3, TMW-4, TMW-5 or TMW-6. Concentrations of selenium were detected in the groundwater samples collected from TMW-5, but did not exceed the VRP Tier II Screening Level. Selenium was not detected in groundwater samples TMW-1, TMW-2, TMW-3, TMW-4, TMW-6, TMW-7 or TMW-1 D.

SVOCs:
Concentrations of the bis(2-ethylhexl)phthalate exceeded the VRP Tier II Screening Level of 6 ug/L and the EPA Region III RSL of 6 ug/L in the groundwater samples collected from TMW-1, TMW-2, and TMW-3 at 13 ug/L, 23 ug/L, and 11 ug/L, respectively (see **Table 2).** Bis(2-ethylhexl)phthalate was not detected in the groundwater samples collected from TMW-4, TMW-5, TMW-6, TMW-7 or TMW-1D.

Concentrations of caprolactam were detected in the groundwater sample collected from TMW-2 TMW-5, TMW-7 and TMW-1D at concentrations of 6.9 J ug/L, 13 ug/L, 5.5 J ug/L and16 J ug/L, respectively. None of the detected concentrations exceeded the VRP Tier II Screening Level of 10 ug/L (see **Table 2**). Caprolactam was not detected in the groundwater samples collected from TMW-1, TMW-3, TMW-4, or TMW-7.

Benzo(a)pyrene, benzo(b)fluoranthene and benzo(k)fluoranthene were detected in groundwater samples collected from TMW-1, TMW-2 and TMW-3 (see **Table 2**). None of the detected

concentrations exceeded the VRP Tier II Screening Levels or the EPA Region III RSL. Benzo(a)pyrene, benzo(b)fluoranthene and benzo(k)fluoranthene were not detected in groundwater samples collected from TMW-4, TMW-5 and TMW-6, TMW-7 or TMW-1D.

TPH-DRO: All eight (8) soil samples exhibited detections of TPH-DRO at concentrations below the VDEQ Reporting Level of 1,000 ug/L (see **Table 2**). The detected concentrations of TPH-DRO ranged from 220 B to 510 B ug/L.

TPH-DRO - RE: All eight (8) soil samples exhibited detections of TPH-DRO-RE at concentrations below the VDEQ Reporting Level of 1,000 ug/L (see **Table 2**). The detected concentrations of TPH-DRO-RE ranged from 98 J H B to 150 H B ug/L.

Arsenic: Concentrations of arsenic exceeded the VRP Tier II Screening Level, the EPA Region III RSL and/or the VDEQ Screening Level from TMW-1 at 3.5 J ug/L, TMW-2 at 12 ug/mL, TMW-3 at 3.7 J ug/L, TMW-5 at 3.0 J ug/L, TMW-6 at 28 ug/L, TMW-7 at 5.5 J ug/L and TMW-1D at 3.2 J ug/L (see **Table 2**). The detected concentrations of arsenic are within the range of naturally occurring mercury for this region Laboratory detectable concentrations ranged from 3.0 J ug/L to 28 ug/L.

Barium: Concentrations of barium were detected in the groundwater samples collected from all seven (7) temporary groundwater monitoring wells and TMW-1D. Laboratory detectable concentrations ranged from 33 to 210 ug/L (see **Table 2**). None of the detected concentrations exceeded the VRP Tier II Screening Level of 2,000 ug/L or the EPA Region III RSL of 2,000 ug/L.

Chromium: Concentrations of chromium were detected in the groundwater samples collected from TMW-1, TMW-5, TMW-7 and TMW-1D. None of the detected concentrations exceeded the VRP Tier II Screening Level of 100 ug/L or the EPA Region III RSL of 100 ug/L. Laboratory detectable concentrations ranged from 11 to 16 ug/L (see **Table 2**). The detected concentrations of chromium are within the range of naturally occurring mercury for this region. Chromium was not detected in groundwater samples TMW-2, TMW-3, TMW-4, or TMW-6.

Lead: Concentrations of lead were detected in the groundwater samples collected from TMW-1 at 28 ug/L, TMW-7 at 29 ug/L, and TMW-1D at 27 ug/L, which exceeded the VRP Tier II Screening Level of 15 ug/L and the EPA Region III RSL of 15 ug/L (see **Table 2**) . Groundwater samples were detected at TMW-2 at 7 J ug/L, TMW-3 at 3.7 J ug/L, TMW-4 at 4.5 J ug/L, TMW-5 at 4.8 J ug/L, and TMW-6 at 8.2 J ug/L, but did not exceed the VRP Tier II Screening Level or the EPA Region III RSL. The detected concentrations of lead are within the range of naturally occurring mercury for this region. Laboratory detectable concentrations ranged from 3.7 J ug/L to 29.0 ug/L.

Selenium: Concentrations of selenium were detected in the groundwater samples collected from TMW-4 at 15 ug/L and TMW-5 at 23.0 ug/L (see **Table 2**). The detected concentrations did not exceeded the VRP Tier II Screening Level of 50 ug/L or the EPA Region III RSL of 50 ug/L. Selenium was not detected in groundwater samples TMW-1, TMW-2, TMW-3, TMW-6, TMW-7 or TMW-1D.

Benzoic Acid: A concentration of benzoic acid was detected in the groundwater sample collected fromTMW-1D at 14 J ug/L, which is below the VRP Tier II Screening level, the EPA Region III RSL and The VDEQ Reporting Level (see **Table 2**). Benzoic acid was not detected in TMW-1, TMW-2, TMW-3, TMW-4, TMW-5, TMW-6, or TMW-7.

6 REFERENCES

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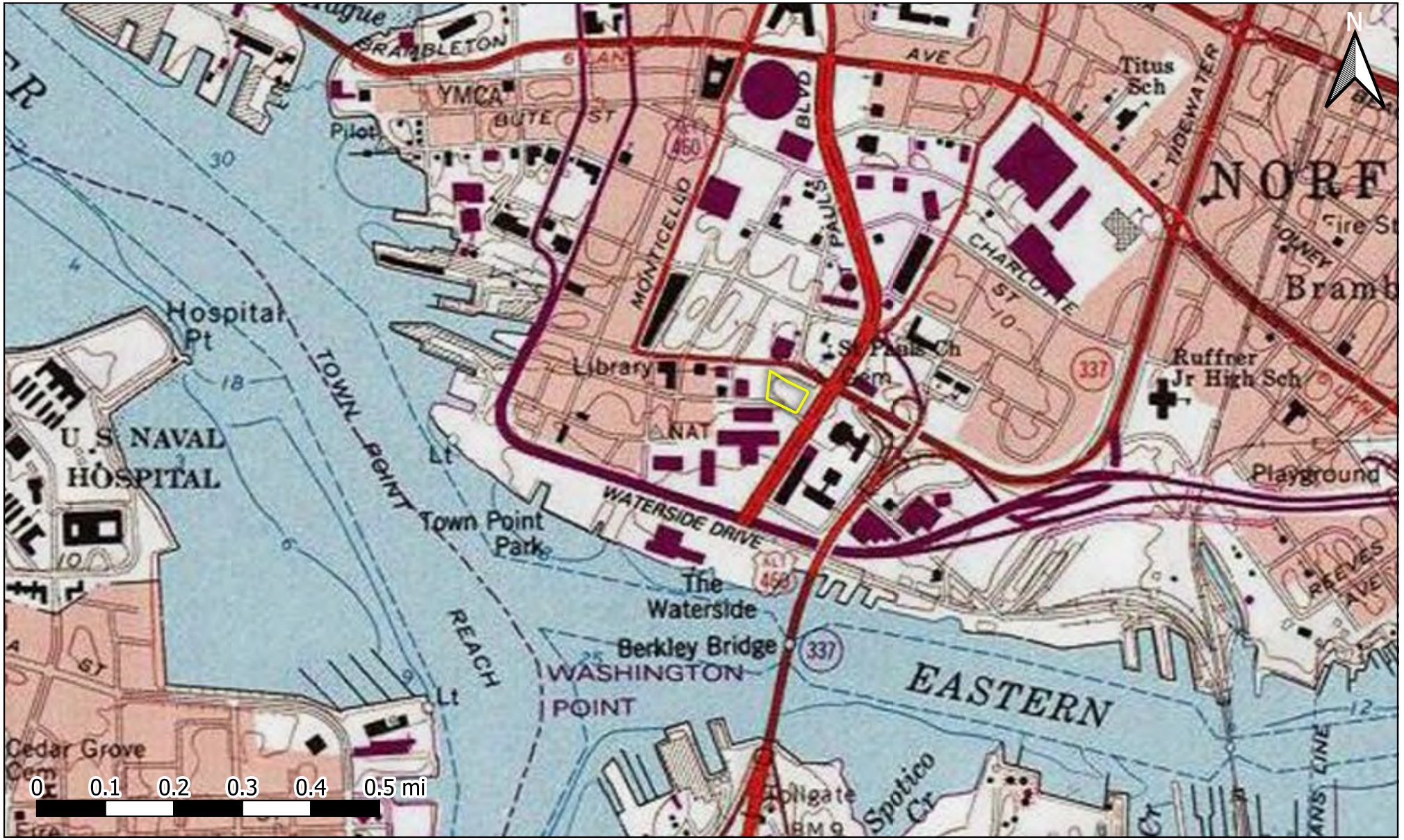
APPENDIX A - FIGURES

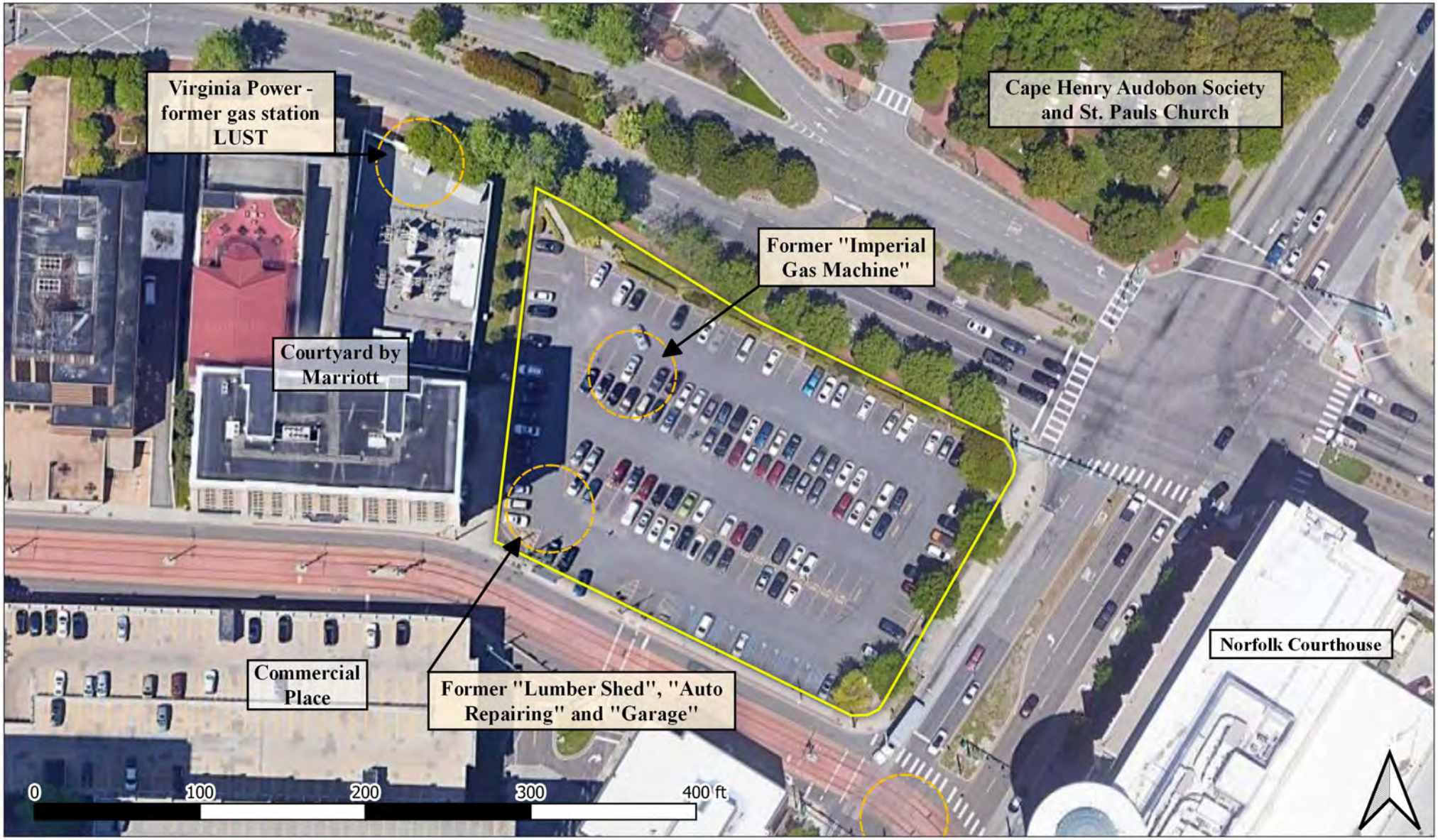


Subject Site

Figure 1. Site Location Map
Snyder Lot
550 E. Plume Street, Norfolk VA
SCS File No. 02218113.10

Source: USGS Norfolk South VA Quadrangle (1994)

SCS ENGINEERS



Subject Site

Noted Features (Areas Approximate)
*LUST - Leaking Underground Storage Tank

Source: Google Satellite Imagery (2019)

Figure 2. Site Features Map
Snyder Lot
550 E. Plume Street, Norfolk VA
SCS File No. 02218113.10

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Figure 3. Soil Boring Location Map

Snyder Lot
550 E. Plume Street, Norfolk VA
SCS File No. 02218113.10

Subject Site

Soil Boring Locations

Source: Google Satellite Imagery (2019)

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Figure 4. Temporary Groundwater Well Location Map

Subject Site

Shallow Groundwater Flow

Temporary Well Locations

4.13 Relative Groundwater Elevation

Snyder Lot
550 E. Plume Street, Norfolk VA
SCS File No. 02218113.10

Source: Google Satellite Imagery (2019)

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APPENDIX B – SOIL BORING LOGS

Soil Boring: B-1

Project: Snyder Lot	**Project No.:** 02218113.10
Date: 3/11/2020	**Location:** Norfolk, VA
Driller: Fishburne	**Elevation:** N/A

DEPTHS Depth (feet)	**SOIL DESCRIPTION**	**NOTES**
0-1	Asphalt	
1-2	Dark gray Soft, sandy CLAY, dry	
2-3	Same as Above	
3-4	Gray, silty SAND, dry	
4-5	Gray silty SAND, moist	
5-6	Same as above	Soil sample at ~6' bgs.
6-7	Gray, silty SAND, wet	Groundwater at 6.5' bgs
7-8	Same as above	
8-9	Same as above	
9-10	Same as Above	
10-11	Same as Above	
11-12	Same as Above	
12-14	Same as Above	
14-16	Transition into gray SAND, wet	

Notes: No PID readings >1.0 ppm. Collected soil sample at ~6 feet bgs. Well screen set at 5-15' bgs.

Soil Boring: B-2

Project: Snyder Lot	**Project No.:** 02218113.10
Date: 3/11/2020	**Location:** Norfolk, VA
Driller: Fishburne	**Elevation:** N/A

DEPTHS Depth (feet)	**SOIL DESCRIPTION**	**NOTES**
0-1	Asphalt/Brick	
1-2	Medium brown, silty SAND, dry	
2-3	Same as above	
3-4	Dark gray, silty SAND, moist	
4-5	Same as above	
5-6	Same as above	Soil sample at ~6' bgs
6-7	Med gray, silty SAND, wet	Groundwater at 6.5' bgs
7-8	Same as above	
8-9	Same as above	
9-10	Same as above	
10-11	Same as above	
12-16	Same as above	

Notes: No PID readings. Collected soil sample at ~6 feet bgs. Well screen set at 5-15' bgs.

Soil Boring: B-3

Project: Snyder Lot	**Project No.:** 02218113.10
Date: 3/11/2020	**Location:** Norfolk, VA
Driller: Fishburne	**Elevation:** N/A

DEPTHS Depth (feet)	**SOIL DESCRIPTION**	**NOTES**
0-1	Asphalt/concrete fill	
1-2	Orange, coarse sandy CLAY, dry	
2-3	Gray, course sandy CLAY, dry	
3-4	Same as above	
4-5	Orange, coarse sandy CLAY, moist	
5-6	Gray, fine SAND, moist	
6-7	Same as above	
7-8	Same as above	Soil sample at ~8' bgs
8-9	Medium brown, fine SAND, wet	Groundwater at 8.5 feet bgs
9-10	Same as above	
10-11	Tan, fine SAND, wet	
11-12	Same as above	

Notes: No PID readings. Collected sampled soil at ~8 feet bgs. Well screen set at 8-15' bgs.

Soil Boring: B-4

Project: Snyder Lot	**Project No.:** 02218113.10
Date: 3/11/2020	**Location:** Norfolk, VA
Driller: Fishburne	**Elevation:** N/A

DEPTHS Depth (feet)	**SOIL DESCRIPTION**	**NOTES**
0-1	Asphalt	
1-2	Medium brown, silty SAND with red course SAND, dry	
2-3	Tan, fine SAND with some brown CLAY, dry	
3-4	Same as above	
4-5	Medium brown, Silty CLAY, dry	
5-6	Gray, silty SAND, moist	
6-7	Same as above	
7-8	Same as above	Soil sample at ~8' bgs
8-9	Tan, silty SAND, wet	Groundwater at 8.5 feet bgs
9-10	Same as above	
10-11	Same as above	
11-12	Same as above	

Notes: No PID readings. Collected soil sample at ~8 feet bgs. Set well screen at 5-15' bgs.

Soil Boring: B-5

Project: Snyder Lot	**Project No.:** 02218113.10
Date:	**Location:** Norfolk, VA
Driller: Fishburne	**Elevation:** N/A

DEPTHS Depth (feet)	SOIL DESCRIPTION	NOTES
0-1	No recovery	
1-2	No recovery	
2-3	No recovery	
3-4	No recovery	
4-5	Medium brown, sandy CLAY, dry	
5-6	Medium brown, sandy CLAY, dry	
6-7	Medium brown, sandy CLAY, dry	
7-8	Medium brown, sandy CLAY, moist	Soil sample at ~8' bgs
8-9	Tan, silty SAND, wet	Groundwater at 8.5 feet bgs
9-10	Dark brown, silty SAND, wet	
10-11	Tan, silty SAND, wet	
11-12	Same as above	
12-14	Same as above	

Notes: No PID readings. Collected Soil sample at ~feet bgs. Well screen set at 4-14 feet bgs.
Initial attempt at well construction failed. Re-drilled.

Soil Boring: B-6

Project: Snyder Lot	**Project No.:** 02218113.10
Date: 3/11/2020	**Location:** Norfolk, VA
Driller: Fishburne	**Elevation:** N/A

DEPTHS Depth (feet)	**SOIL DESCRIPTION**	**NOTES**
0-1	Asphalt	
1-2	Medium brown, course SAND, dry	
2-3	Tan, silty SAND, dry	
3-4	Orange, silty SAND, dry	
4-5	Tan, silty SAND, moist	
5-6	Same as above	
6-7	Same as above	
7-8	Same as above	Soil sample at ~8' bgs
8-9	Medium to dark gray, silty SAND, wet	Groundwater at 8.5 feet bgs
9-10	Same as above	
10-11	Same as above	
11-12	Same as above	

Notes: No PID readings. Collected soil sample at ~8 feet bgs. Well screen set at 2-12 feet bgs.

Soil Boring: B-7

Project: Snyder Lot	**Project No.:** 02218113.10
Date: 3/11/2020	**Location:** Norfolk, VA
Driller: Fishburne	**Elevation:** N/A

DEPTHS Depth (feet)	**SOIL DESCRIPTION**	**NOTES**
0-1	Asphalt and brown, coarse SAND	
1-2	Brown, course SAND	
2-3	As Above	
3-4	As Above	
4-5	Brown, moist, course SAND	
5-6	As Above	Soil sample at 7' bgs
6-7	As Above	Groundwater at 7.5'
7-8	As Above	
8-9	As Above	
9-10	As Above	
10-11	Tan, wet, fine SAND	
11-12	As Above	

Notes: No PID Readings. Collected soil sample at ~7 feet bgs. Well screen set at 2-12 fet bgs.

APPENDIX C – GROUNDWATER SAMPLING LOGS

Groundwater Level Measurement Log					SCS Engineers 2877 Guardian Lane, Ste. 1-F Virginia Beach, Virginia 23452 (757)-466-3361		
Project Name:		Snyder Lot			Project Number:	02218113.10	
Date: 3/18/2020					Task:	--	
Well Number	**Date**	**Time**	**Depth to Water (ft)**	**Depth to Bottom (ft)**	**Top of Casing Elevation (ft, AMSL)**	**Groundwater Elevation (ft, AMSL)**	**Remarks**
TMW-1	03/18/202	1100-1300	6.70	14.90	11.00	4.30	
TMW-2	03/18/202	1110-1300	6.40	14.50	10.00	3.60	
TMW-3	03/18/202	1110-1300	9.70	14.75	12.87	3.17	
TMW-4	03/18/202	1110-1300	8.83	14.55	12.56	3.73	
TMW-5	03/18/202	1110-1300	8.40	13.70	12.35	3.95	
TMW-6	03/18/202	1110-1300	7.70	11.70	11.99	4.29	
TMW-7	03/18/202	1110-1300	6.50	11.75	10.50	4.00	

Field Personnel: Will Richardson

Checked By: Keith Matteson

Well Sampling / MicroPurge Log

SCS ENGINEERS
2877 Guardian Lane, Suite 1-F
Virginia Beach Virginia 23452
(757)-466-3361

Project Name:	Snyder Lot	**Job Number:**	02218113.10
Well Number:	TMW-1 (B-1)	**Date:**	3/11/2020
Well Diameter (in):	1	**Pump Used:**	Peristaltic
Depth to Pump (ft):	14	**1 Well Volume (gal):**	~0.03
Total Well Depth (ft):	14.9	**Purging Time Initiated:**	1005
Depth to Water (ft):	6.7	**Purging Time Completed:**	1020
Water Column Thickness (ft):	8.2	**Total Gallons Purged:**	3.5

WELL PURGING RECORD

Time	Volume Purged (gallons)	10% Temperature (^{o}C)	10% D.O. (mg/L)	±10 ORP (mV)	10% pH (s.u.)	3% Specific Conductance (mS/cm)	10% or <=5 Turbidity (NTU)	Comments (water color, odor, sediment, cloudy, etc.)
1000	0.00	19	2.99	136.1	6.4	1.95	370.9	Slightly cloudy
1005	0.25	18.9	1.75	121.4	6.48	1.95	442.6	"
1010	0.50	19.6	0.37	97.5	6.63	1.97	211.6	"
1015	0.75	19.6	0.6	89.3	6.63	1.96	123.2	"
1020	1.00	19.7	0.7	88.2	6.63	1.96	120.9	"

GROUNDWATER SAMPLING RECORD

Sample Number	Collection Time	Parameter	Container	Preservative
TMW-1	1020	8260B - Volatiles	3 - 40mL VOA	HCl
		8270D - SVOCs	2 - 250mL amber	None
		6010C/7470A - Metals/Mercury	1 - 250mL plastic	HNO3
		8082A - TCL PCBs	2 - 250mL amber	None
		8015C - TPH DRO	2 - 250mL amber	HCl
		8015C - TPH GRO	3 - 40mL VOA	HCl

Samples Shipped By: courier Laboratory: TestAmerica

Sampler(s): Austin Drooger Checked By:

Well Sampling / MicroPurge Log

SCS ENGINEERS
2877 Guardian Lane, Suite 1-F
Virginia Beach Virginia 23452
(757)-466-3361

Project Name:	Snyder Lot	**Job Number:**	02218113.10
Well Number:	TMW-2 (B-2)	**Date:**	3/11/2020
Well Diameter (in):	1	**Pump Used:**	Peristaltic
Depth to Pump (ft):	13.5	**1 Well Volume (gal):**	~0.33
Total Well Depth (ft):	14.5	**Purging Time Initiated:**	1100
Depth to Water (ft):	6.4	**Purging Time Completed:**	1120
Water Column Thickness (ft):	8.1	**Total Gallons Purged:**	2.25

WELL PURGING RECORD

Time	Volume Purged (gallons)	10% Temperature (^{o}C)	10% D.O. (mg/L)	±10 ORP (mV)	10% pH (s.u.)	3% Specific Conductance (mS/cm)	10% or <=5 Turbidity (NTU)	Comments (water color, odor, sediment, cloudy, etc.)
1100	0	17.9	8.02	-17.1	6.86	1.53	322.6	Slightly cloudy
1105	0.25	17.9	7.79	-77.5	6.84	1.51	399.5	Slightly cloudy
1110	0.50	18.0	5.98	-55.7	6.84	1.53	362.5	Slightly cloudy
1115	0.75	17.9	5.86	-68.4	6.84	1.53	212.5	Slightly cloudy
1120	1.0	18.0	5.68	-80.4	6.85	1.53	96.05	Slightly cloudy

GROUNDWATER SAMPLING RECORD

Sample Number	Collection Time	Parameter	Container	Preservative
TMW-2	1120	8260B - Volatiles	3 - 40mL VOA	HCl
		8270D - SVOCs	2 - 250mL amber	None
		6010C/7470A - Metals/Mercury	1 - 250mL plastic	HNO3
		8082A - TCL PCBs	2 - 250mL amber	None
		8015C - TPH DRO	2 - 250mL amber	HCl
		8015C - TPH GRO	3 - 40mL VOA	HCl

Samples Shipped By: courier Laboratory: TestAmerica

Sampler(s): Austin Drooger Checked By:

Well Sampling / MicroPurge Log

SCS ENGINEERS
2877 Guardian Lane, Suite 1-F
Virginia Beach Virginia 23452
(757)-466-3361

Project Name:	Snyder Lot	**Job Number:**	02218113.10
Well Number:	TMW-3 (B-3)	**Date:**	3/11/2020
Well Diameter (in):	1	**Pump Used:**	Peristaltic
Depth to Pump (ft):	13.5	**1 Well Volume (gal):**	~.25
Total Well Depth (ft):	14.75	**Purging Time Initiated:**	1105
Depth to Water (ft):	9.7	**Purging Time Completed:**	1200
Water Column Thickness (ft):	5.05	**Total Gallons Purged:**	2.5

WELL PURGING RECORD

Time	Volume Purged (gallons)	10% Temperature (^{o}C)	10% D.O. (mg/L)	±10 ORP (mV)	10% pH (s.u.)	3% Specific Conductance (mS/cm)	10% or <=5 Turbidity (NTU)	Comments (water color, odor, sediment, cloudy, etc.)
1140	0	19.1	7.18	-10.2.8	7.68	0.455	106.4	Cloudy
1145	0.25	19.2	7.02	-97.6	7.71	0.447	550.2	Slightly cloudy
1150	0.50	19.2	6.90	-91.6	7.62	0.449	202.7	Slightly cloudy
1155	0.75	19.1	6.78	-86.9	7.65	0.450	123.8	Slightly cloudy
1200	1.0	19.2	6.79	82.5	7.64	0.451	126.9	Slightly cloudy

GROUNDWATER SAMPLING RECORD

Sample Number	Collection Time	Parameter	Container	Preservative
TMW-3	1200	8260B - Volatiles	3 - 40mL VOA	HCl
		8270D - SVOCs	2 - 250mL amber	None
		6010C/7470A - Metals/Mercury	1 - 250mL plastic	HNO3
		8082A - TCL PCBs	2 - 250mL amber	None
		8015C - TPH DRO	2 - 250mL amber	HCl
		8015C - TPH GRO	3 - 40mL VOA	HCl

Samples Shipped By: courier Laboratory: TestAmerica

Sampler(s): Austin Drooger Checked By:

Well Sampling / MicroPurge Log

SCS ENGINEERS
2877 Guardian Lane, Suite 1-F
Virginia Beach Virginia 23452
(757)-466-3361

Project Name:	Snyder Lot	**Job Number:**	02218113.10
Well Number:	TMW-4 (B-4)	**Date:**	3/11/2020
Well Diameter (in):	1	**Pump Used:**	Peristaltic
Depth to Pump (ft):	13.5	**1 Well Volume (gal):**	~0.30
Total Well Depth (ft):	14.55	**Purging Time Initiated:**	1200
Depth to Water (ft):	8.83	**Purging Time Completed:**	1225
Water Column Thickness (ft):	5.72	**Total Gallons Purged:**	3.75

WELL PURGING RECORD

Time	Volume Purged (gallons)	10% Temperature (^{o}C)	10% D.O. (mg/L)	±10 ORP (mV)	10% pH (s.u.)	3% Specific Conductance (mS/cm)	10% or <=5 Turbidity (NTU)	Comments (water color, odor, sediment, cloudy, etc.)
1200	0	20.2	3.72	-6.6	6.96	1.23	354.8	Cloudy
1205	0.25	20.7	4.25	-3.4	6.89	1.26	393.6	Cloudy
1210	0.5	21.0	1.96	-6.9	6.87	1.23	431.6	Cloudy
1215	0.75	21.3	4.90	-9.4	6.86	1.20	205.5	Slightly Cloudy
1220	1.0	21.5	5.06	-10.5	6.85	1.20	108.8	Clear
1225	1.25	21.2	5.09	-11.2	6.84	107.2	107.2	Clear

GROUNDWATER SAMPLING RECORD

Sample Number	Collection Time	Parameter	Container	Preservative
TMW-4	1230	8260B - Volatiles	3 - 40mL VOA	HCl
		8270D - SVOCs	2 - 250mL amber	None
		6010C/7470A - Metals/Mercury	1 - 250mL plastic	HNO3
		8082A - TCL PCBs	2 - 250mL amber	None
		8015C - TPH DRO	2 - 250mL amber	HCl
		8015C - TPH GRO	3 - 40mL VOA	HCl

Samples Shipped By: courier Laboratory: TestAmerica

Sampler(s): Austin Drooger Checked By:

Well Sampling / MicroPurge Log

SCS ENGINEERS
2877 Guardian Lane, Suite 1-F
Virginia Beach Virginia 23452
(757)-466-3361

Project Name:	Snyder Lot	**Job Number:**	02218113.10
Well Number:	TMW-5 (B-5)	**Date:**	3/11/2020
Well Diameter (in):	1	**Pump Used:**	Peristaltic
Depth to Pump (ft):		**1 Well Volume (gal):**	~0.30
Total Well Depth (ft):	13.7	**Purging Time Initiated:**	1250
Depth to Water (ft):	8.4	**Purging Time Completed:**	1310
Water Column Thickness (ft):	5.3	**Total Gallons Purged:**	2.5

WELL PURGING RECORD

Time	Volume Purged (gallons)	10% Temperature (^{o}C)	10% D.O. (mg/L)	±10 ORP (mV)	10% pH (s.u.)	3% Specific Conductance (mS/cm)	10% or <=5 Turbidity (NTU)	Comments (water color, odor, sediment, cloudy, etc.)
1250	0	20.5	4.93	-8.5	6.98	2.12	152.1	Clear
1255	0.25	21.1	6.62	-6.7	7.10	2.05	288.6	Cloudy
1300	0.5	20.3	2.82	-11.4	7.04	1.54	1000	Cloudy
1305	0.75	20.4	2.74	-10.1	6.96	1.52	697.4	Cloudy
1310	1.0	20.3	2.42	-11.7	6.97	1.52	837.6	Cloudy

GROUNDWATER SAMPLING RECORD

Sample Number	Collection Time	Parameter	Container	Preservative
TMW-5	1310	8260B - Volatiles	3 - 40mL VOA	HCl
		8270D - SVOCs	2 - 250mL amber	None
		6010C/7470A - Metals/Mercury	1 - 250mL plastic	HNO3
		8082A - TCL PCBs	2 - 250mL amber	None
		8015C - TPH DRO	2 - 250mL amber	HCl
		8015C - TPH GRO	3 - 40mL VOA	HCl

Samples Shipped By: courier Laboratory: TestAmerica

Sampler(s): Austin Drooger Checked By:

Well Sampling / MicroPurge Log

SCS ENGINEERS
2877 Guardian Lane, Suite 1-F
Virginia Beach Virginia 23452
(757)-466-3361

Project Name:	Snyder Lot	**Job Number:**	02218113.10
Well Number:	TMW-6 (B-6)	**Date:**	3/11/2020
Well Diameter (in):	1	**Pump Used:**	Peristaltic
Depth to Pump (ft):		**1 Well Volume (gal):**	~0.25
Total Well Depth (ft):	11.7	**Purging Time Initiated:**	1330
Depth to Water (ft):	7.7	**Purging Time Completed:**	1350
Water Column Thickness (ft):	4.0	**Total Gallons Purged:**	2.5

WELL PURGING RECORD

Time	Volume Purged (gallons)	10% Temperature (^{o}C)	10% D.O. (mg/L)	±10 ORP (mV)	10% pH (s.u.)	3% Specific Conductance (mS/cm)	10% or <=5 Turbidity (NTU)	Comments (water color, odor, sediment, cloudy, etc.)
130	0.0	20.6	2.89	22.5	6.87	2.67	1051	Cloudy
1335	0.25	20.4	1.48	19.8	6.78	2.68	990.4	Cloudy
1340	0.5	22.2	4.50	2.9	6.87	2.57	462.5	Cloudy
1345	0.75	22.3	4.07	-0.4	6.87	2.56	461.6	Cloudy
1350	1	22.3	4.09	-2.2	6.87	2.57	406.4	Cloudy

GROUNDWATER SAMPLING RECORD

Sample Number	Collection Time	Parameter	Container	Preservative
TMW-6	1400	8260B - Volatiles	3 - 40mL VOA	HCl
		8270D - SVOCs	2 - 250mL amber	None
		6010C/7470A - Metals/Mercury	1 - 250mL plastic	HNO3
		8082A - TCL PCBs	2 - 250mL amber	None
		8015C - TPH DRO	2 - 250mL amber	HCl
		8015C - TPH GRO	3 - 40mL VOA	HCl

Samples Shipped By: courier Laboratory: TestAmerica

Sampler(s): Austin Drooger Checked By:

Well Sampling / MicroPurge Log

SCS ENGINEERS
2877 Guardian Lane, Suite 1-F
Virginia Beach Virginia 23452
(757)-466-3361

Project Name:	Snyder Lot	**Job Number:**	02218113.10
Well Number:	TMW-7 (B-7)	**Date:**	3/11/2020
Well Diameter (in):	1	**Pump Used:**	Peristaltic
Depth to Pump (ft):		**1 Well Volume (gal):**	0.21
Total Well Depth (ft):	11.75	**Purging Time Initiated:**	1530
Depth to Water (ft):	6.5	**Purging Time Completed:**	1550
Water Column Thickness (ft):	5.2	**Total Gallons Purged:**	2.5

WELL PURGING RECORD

Time	Volume Purged (gallons)	10% Temperature (^{o}C)	10% D.O. (mg/L)	±10 ORP (mV)	10% pH (s.u.)	3% Specific Conductance (mS/cm)	10% or <=5 Turbidity (NTU)	Comments (water color, odor, sediment, cloudy, etc.)
1530	0	19.5	3.95	-36.7	6.86	2.18	829.1	Cloudy
1535	0.25	19.5	3.71	-44.6	6.84	2.15	341.7	Cloudy
1540	0.5	19.5	3.53	-48.2	6.85	2.13	717.9	Cloudy
1545	0.75	19.6	3.29	-49.1	6.85	2.13	1003	Cloudy
1550	1.0	19.6	3.47	-51.5	6.85	2.12	1073	Cloudy

GROUNDWATER SAMPLING RECORD

Sample Number	Collection Time	Parameter	Container	Preservative
TMW-7	1550	8260B - Volatiles	3 - 40mL VOA	HCl
		8270D - SVOCs	2 - 250mL amber	None
		6010C/7470A - Metals/Mercury	1 - 250mL plastic	HNO3
		8082A - TCL PCBs	2 - 250mL amber	None
		8015C - TPH DRO	2 - 250mL amber	HCl
		8015C - TPH GRO	3 - 40mL VOA	HCl

Samples Shipped By: courier Laboratory: TestAmerica

Sampler(s): Aaustin Drooger Checked By:

APPENDIX D – LABORATORY REPORTS

eurofins | Environment Testing TestAmerica

ANALYTICAL REPORT

Eurofins TestAmerica, Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Tel: (850)474-1001

Laboratory Job ID: 400-185238-1
Client Project/Site: Snyder Lot
Revision: 1

For:
SCS Engineers
2877 Guardian Lane
Suite 1-F
Virginia Beach, Virginia 23452

Attn: Keith Matteson

Mark Swafford

Authorized for release by:
4/21/2020 3:22:22 PM

Mark Swafford, Project Manager II
(850)471-6207
mark.swafford@testamericainc.com

Table of Contents

Definitions/Glossary

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 400-185238-1

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-185238-1

Comments
The report was revised change the format to report to the MDL.

No additional comments.

Receipt
The samples were received on 3/12/2020 8:55 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.6º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270D: The continuing calibration verification (CCV) associated with batch 400-482540 recovered outside acceptance criteria, low biased, for Indeno[1,2,3-cd]pyrene, Dibenz(a,h)anthracene, Benzo[g,h,i]perylene and Benzyl alcohol. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method 8270D: The following sample was diluted due to the nature of the sample matrix: B-5 (400-185238-5). Elevated reporting limits (RLs) are provided.

Method 8270D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 400-482410 and analytical batch 400-482540 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8270D: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 400-482410 and analytical batch 400-482540 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA
Method 8082A: The following samples were diluted due to the nature of the sample matrix: B-2 (400-185238-2) and B-5 (400-185238-5). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

Client Sample ID: B-1 — Lab Sample ID: 400-185238-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.056		0.036	0.019	mg/Kg	1	☼	8260B	Total/NA
Diesel Range Organics [C10-C28]	130		7.8	3.1	mg/Kg	1	☼	8015C	Total/NA
Arsenic	2.5		1.5	0.87	mg/Kg	1	☼	6010C	Total/NA
Barium	68		1.5	0.26	mg/Kg	1	☼	6010C	Total/NA
Chromium	13		1.5	0.47	mg/Kg	1	☼	6010C	Total/NA
Lead	78	B	1.5	0.34	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.28		0.024	0.015	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: B-2 — Lab Sample ID: 400-185238-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	5.8	J	6.0	2.4	mg/Kg	1	☼	8015C	Total/NA
Arsenic	2.9		1.1	0.63	mg/Kg	1	☼	6010C	Total/NA
Barium	48		1.1	0.19	mg/Kg	1	☼	6010C	Total/NA
Chromium	10		1.1	0.34	mg/Kg	1	☼	6010C	Total/NA
Lead	93	B	1.1	0.24	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.32		0.019	0.011	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: B-3 — Lab Sample ID: 400-185238-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	0.039	J B	0.35	0.035	mg/Kg	1	☼	8270D	Total/NA
Diesel Range Organics [C10-C28]	2.4	J	5.2	2.1	mg/Kg	1	☼	8015C	Total/NA
Arsenic	1.9		1.1	0.61	mg/Kg	1	☼	6010C	Total/NA
Barium	6.5		1.1	0.18	mg/Kg	1	☼	6010C	Total/NA
Chromium	5.2		1.1	0.33	mg/Kg	1	☼	6010C	Total/NA
Lead	2.2	B	1.1	0.24	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: B-4 — Lab Sample ID: 400-185238-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	2.3	J	5.7	2.3	mg/Kg	1	☼	8015C	Total/NA
Arsenic	4.5		1.1	0.65	mg/Kg	1	☼	6010C	Total/NA
Barium	17		1.1	0.19	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.11	J	0.57	0.10	mg/Kg	1	☼	6010C	Total/NA
Chromium	7.7		1.1	0.35	mg/Kg	1	☼	6010C	Total/NA
Lead	6.0	B	1.1	0.25	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: B-5 — Lab Sample ID: 400-185238-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	22		5.0	2.0	mg/Kg	1	☼	8015C	Total/NA
Arsenic	2.1		1.0	0.59	mg/Kg	1	☼	6010C	Total/NA
Barium	31		1.0	0.18	mg/Kg	1	☼	6010C	Total/NA
Chromium	16		1.0	0.32	mg/Kg	1	☼	6010C	Total/NA
Lead	5.7	B	1.0	0.23	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: B-6 — Lab Sample ID: 400-185238-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.015	J	0.026	0.013	mg/Kg	1	☼	8260B	Total/NA
Diesel Range Organics [C10-C28]	2.3	J	5.9	2.3	mg/Kg	1	☼	8015C	Total/NA
Arsenic	2.3		1.1	0.62	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pensacola

Detection Summary

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

Client Sample ID: B-6 (Continued)

Lab Sample ID: 400-185238-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	20		1.1	0.18	mg/Kg	1	☼	6010C	Total/NA
Chromium	9.1		1.1	0.34	mg/Kg	1	☼	6010C	Total/NA
Lead	5.1	B	1.1	0.24	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: B-7

Lab Sample ID: 400-185238-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	3.7	J	5.8	2.3	mg/Kg	1	☼	8015C	Total/NA
Arsenic	1.9		1.2	0.67	mg/Kg	1	☼	6010C	Total/NA
Barium	19		1.2	0.20	mg/Kg	1	☼	6010C	Total/NA
Chromium	10		1.2	0.37	mg/Kg	1	☼	6010C	Total/NA
Lead	4.6	B	1.2	0.26	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Sample Summary

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
400-185238-1	B-1	Solid	03/09/20 09:40	03/12/20 08:55	
400-185238-2	B-2	Solid	03/09/20 10:40	03/12/20 08:55	
400-185238-3	B-3	Solid	03/09/20 12:10	03/12/20 08:55	
400-185238-4	B-4	Solid	03/09/20 13:00	03/12/20 08:55	
400-185238-5	B-5	Solid	03/09/20 14:00	03/12/20 08:55	
400-185238-6	B-6	Solid	03/09/20 16:00	03/12/20 08:55	
400-185238-7	B-7	Solid	03/09/20 16:30	03/12/20 08:55	

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

Client Sample ID: B-1
Date Collected: 03/09/20 09:40
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-1
Matrix: Solid
Percent Solids: 64.2

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.0036		0.0073	0.0036	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
1,1,1-Trichloroethane	<0.0016		0.0073	0.0016	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
1,1,2,2-Tetrachloroethane	<0.0036		0.0073	0.0036	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
1,1,2-Trichloroethane	<0.0036		0.0073	0.0036	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
1,1-Dichloroethane	<0.0012		0.0073	0.0012	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
1,1-Dichloroethene	<0.0036		0.0073	0.0036	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
1,1-Dichloropropene	<0.0036		0.0073	0.0036	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
1,2,3-Trichlorobenzene	<0.0036		0.0073	0.0036	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
1,2,3-Trichloropropane	<0.0044		0.0073	0.0044	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
1,2,4-Trichlorobenzene	<0.0029		0.0073	0.0029	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
1,2,4-Trimethylbenzene	<0.0015		0.0073	0.0015	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
1,2-Dibromo-3-Chloropropane	<0.0048		0.0073	0.0048	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
1,2-Dichlorobenzene	<0.0010		0.0073	0.0010	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
1,2-Dichloroethane	<0.0012		0.0073	0.0012	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
1,2-Dichloropropane	<0.0036		0.0073	0.0036	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
1,3,5-Trimethylbenzene	<0.0012		0.0073	0.0012	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
1,3-Dichlorobenzene	<0.0014		0.0073	0.0014	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
1,3-Dichloropropane	<0.0015		0.0073	0.0015	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
1,4-Dichlorobenzene	<0.0036		0.0073	0.0036	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
2,2-Dichloropropane	<0.0036		0.0073	0.0036	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
2-Butanone (MEK)	<0.0087		0.036	0.0087	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
2-Chlorotoluene	<0.0036		0.0073	0.0036	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
2-Hexanone	<0.0073		0.036	0.0073	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
4-Chlorotoluene	<0.0014		0.0073	0.0014	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
4-Isopropyltoluene	<0.0015		0.0073	0.0015	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
4-Methyl-2-pentanone (MIBK)	<0.0073		0.036	0.0073	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
Acetone	**0.056**		0.036	0.019	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
Benzene	<0.00097		0.0073	0.00097	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
Bromobenzene	<0.0019		0.0073	0.0019	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
Bromoform	<0.0036		0.0073	0.0036	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
Bromomethane	<0.0036		0.0073	0.0036	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
Carbon disulfide	<0.0036		0.0073	0.0036	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
Carbon tetrachloride	<0.0025		0.0073	0.0025	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
Chlorobenzene	<0.00076		0.0073	0.00076	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
Chlorobromomethane	<0.0036		0.0073	0.0036	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
Chlorodibromomethane	<0.0036		0.0073	0.0036	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
Chloroethane	<0.0036		0.0073	0.0036	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
Chloroform	<0.0036		0.0073	0.0036	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
Chloromethane	<0.0015		0.0073	0.0015	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
cis-1,2-Dichloroethene	<0.0011		0.0073	0.0011	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
cis-1,3-Dichloropropene	<0.0017		0.0073	0.0017	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
Dibromomethane	<0.0036		0.0073	0.0036	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
Dichlorobromomethane	<0.0036		0.0073	0.0036	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
Dichlorodifluoromethane	<0.0019		0.0073	0.0019	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
Ethylbenzene	<0.00089		0.0073	0.00089	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
Ethylene Dibromide	<0.0015		0.0073	0.0015	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
Hexachlorobutadiene	<0.0036		0.0073	0.0036	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
Iodomethane	<0.0049		0.0073	0.0049	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
Isopropyl ether	<0.00080		0.0073	0.00080	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

Client Sample ID: B-1
Date Collected: 03/09/20 09:40
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-1
Matrix: Solid
Percent Solids: 64.2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.00099		0.0073	0.00099	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
Methyl tert-butyl ether	<0.0015		0.0073	0.0015	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
Methylene Chloride	<0.015		0.022	0.015	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
m-Xylene & p-Xylene	<0.0019		0.0073	0.0019	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
Naphthalene	<0.0029		0.0073	0.0029	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
n-Butylbenzene	<0.0014		0.0073	0.0014	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
N-Propylbenzene	<0.0013		0.0073	0.0013	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
o-Xylene	<0.0015		0.0073	0.0015	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
sec-Butylbenzene	<0.0014		0.0073	0.0014	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
Styrene	<0.0015		0.0073	0.0015	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
tert-Butylbenzene	<0.0036		0.0073	0.0036	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
Tetrachloroethene	<0.0036		0.0073	0.0036	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
Toluene	<0.0015		0.0073	0.0015	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
trans-1,2-Dichloroethene	<0.0036		0.0073	0.0036	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
trans-1,3-Dichloropropene	<0.0036		0.0073	0.0036	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
Trichloroethene	<0.0015		0.0073	0.0015	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
Trichlorofluoromethane	<0.0036		0.0073	0.0036	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
Vinyl acetate	<0.013		0.036	0.013	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1
Vinyl chloride	<0.0036		0.0073	0.0036	mg/Kg	☼	03/21/20 13:16	03/21/20 19:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*67 - 130*	*03/21/20 13:16*	*03/21/20 19:34*	*1*
Dibromofluoromethane	*91*		*77 - 127*	*03/21/20 13:16*	*03/21/20 19:34*	*1*
Toluene-d8 (Surr)	*109*		*76 - 127*	*03/21/20 13:16*	*03/21/20 19:34*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
1,2,4,5-Tetrachlorobenzene	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
1,2,4-Trichlorobenzene	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
1,2-Dichlorobenzene	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
1,3-Dichlorobenzene	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
1,3-Dinitrobenzene	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
1,4-Dichlorobenzene	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
1,4-Dioxane	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
1-Methylnaphthalene	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
2,2'-oxybis(1-chloropropane)	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
2,3,4,6-Tetrachlorophenol	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
2,4,5-Trichlorophenol	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
2,4,6-Trichlorophenol	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
2,4-Dichlorophenol	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
2,4-Dimethylphenol	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
2,4-Dinitrophenol	<0.43		1.5	0.43	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
2,4-Dinitrotoluene	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
2,6-Dinitrotoluene	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
2-Chloronaphthalene	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
2-Chlorophenol	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
2-Methylnaphthalene	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
2-Methylphenol	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
2-Nitroaniline	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

Client Sample ID: B-1
Date Collected: 03/09/20 09:40
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-1
Matrix: Solid
Percent Solids: 64.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
3 & 4 Methylphenol	<0.049		0.98	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
3,3'-Dichlorobenzidine	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
3-Nitroaniline	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
4,6-Dinitro-2-methylphenol	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
4-Bromophenyl phenyl ether	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
4-Chloro-3-methylphenol	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
4-Chloroaniline	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
4-Chlorophenyl phenyl ether	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
4-Nitroaniline	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
4-Nitrophenol	<0.16		0.49	0.16	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Acenaphthene	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Acenaphthylene	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Acetophenone	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Aniline	<0.064		0.49	0.064	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Anthracene	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Atrazine	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Azobenzene	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Benzaldehyde	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Benzidine	<0.15		1.5	0.15	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Benzo[a]anthracene	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Benzo[a]pyrene	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Benzo[b]fluoranthene	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Benzo[g,h,i]perylene	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Benzo[k]fluoranthene	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Benzoic acid	<0.52		1.5	0.52	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Benzyl alcohol	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Bis(2-chloroethoxy)methane	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Bis(2-chloroethyl)ether	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Bis(2-ethylhexyl) phthalate	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Butyl benzyl phthalate	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Caprolactam	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Carbazole	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Chrysene	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Dibenz(a,h)anthracene	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Dibenzofuran	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Diethyl phthalate	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Dimethyl phthalate	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Di-n-butyl phthalate	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Di-n-octyl phthalate	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Fluoranthene	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Fluorene	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Hexachlorobenzene	<0.15		0.49	0.15	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Hexachlorobutadiene	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Hexachlorocyclopentadiene	<0.098		0.49	0.098	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Hexachloroethane	<0.15		0.49	0.15	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Hexadecane	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Indeno[1,2,3-cd]pyrene	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Isophorone	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1

Client Sample ID: B-1

Date Collected: 03/09/20 09:40
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-1

Matrix: Solid
Percent Solids: 64.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
n-Decane	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Nitrobenzene	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
N-Nitrosodimethylamine	<0.098		0.49	0.098	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
N-Nitrosodi-n-propylamine	<0.16		0.49	0.16	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
N-Nitrosodiphenylamine	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
n-Octadecane	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Pentachlorophenol	<0.098		0.98	0.098	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Phenanthrene	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Phenol	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Pyrene	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Pyridine	<0.22		0.49	0.22	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1
Sulfolane	<0.049		0.49	0.049	mg/Kg	☼	03/18/20 07:16	03/18/20 18:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*59*		*10 - 150*	*03/18/20 07:16*	*03/18/20 18:52*	*1*
2-Fluorobiphenyl	*55*		*27 - 127*	*03/18/20 07:16*	*03/18/20 18:52*	*1*
2-Fluorophenol (Surr)	*51*		*25 - 128*	*03/18/20 07:16*	*03/18/20 18:52*	*1*
Nitrobenzene-d5 (Surr)	*57*		*15 - 136*	*03/18/20 07:16*	*03/18/20 18:52*	*1*
Phenol-d5 (Surr)	*45*		*29 - 130*	*03/18/20 07:16*	*03/18/20 18:52*	*1*
Terphenyl-d14 (Surr)	*65*		*24 - 146*	*03/18/20 07:16*	*03/18/20 18:52*	*1*

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<0.073		0.15	0.073	mg/Kg	☼	03/13/20 18:00	03/13/20 19:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*106*		*65 - 125*	*03/13/20 18:00*	*03/13/20 19:00*	*1*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**130**		7.8	3.1	mg/Kg	☼	03/13/20 10:12	03/18/20 06:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*68*		*27 - 151*	*03/13/20 10:12*	*03/18/20 06:41*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.018		0.13	0.018	mg/Kg	☼	03/13/20 15:57	03/18/20 06:46	5
PCB-1221	<0.061		0.13	0.061	mg/Kg	☼	03/13/20 15:57	03/18/20 06:46	5
PCB-1232	<0.084		0.13	0.084	mg/Kg	☼	03/13/20 15:57	03/18/20 06:46	5
PCB-1242	<0.063		0.13	0.063	mg/Kg	☼	03/13/20 15:57	03/18/20 06:46	5
PCB-1248	<0.025		0.13	0.025	mg/Kg	☼	03/13/20 15:57	03/18/20 06:46	5
PCB-1254	<0.016		0.13	0.016	mg/Kg	☼	03/13/20 15:57	03/18/20 06:46	5
PCB-1260	<0.0092		0.13	0.0092	mg/Kg	☼	03/13/20 15:57	03/18/20 06:46	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*37*		*26 - 129*	*03/13/20 15:57*	*03/18/20 06:46*	*5*
Tetrachloro-m-xylene	*69*		*31 - 122*	*03/13/20 15:57*	*03/18/20 06:46*	*5*

Client Sample Results

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

Client Sample ID: B-1

Date Collected: 03/09/20 09:40
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-1

Matrix: Solid
Percent Solids: 64.2

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.5		1.5	0.87	mg/Kg	☼	03/16/20 13:39	03/18/20 19:06	1
Barium	68		1.5	0.26	mg/Kg	☼	03/16/20 13:39	03/18/20 19:06	1
Cadmium	<0.13		0.76	0.13	mg/Kg	☼	03/16/20 13:39	03/18/20 19:06	1
Chromium	13		1.5	0.47	mg/Kg	☼	03/16/20 13:39	03/20/20 04:38	1
Lead	78	B	1.5	0.34	mg/Kg	☼	03/16/20 13:39	03/18/20 19:06	1
Selenium	<1.3		3.0	1.3	mg/Kg	☼	03/16/20 13:39	03/18/20 19:06	1
Silver	<0.50		0.76	0.50	mg/Kg	☼	03/16/20 13:39	03/18/20 19:06	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.28		0.024	0.015	mg/Kg	☼	03/18/20 08:38	03/24/20 09:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	35.8		0.01		%			03/16/20 09:56	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

Client Sample ID: B-2
Date Collected: 03/09/20 10:40
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-2
Matrix: Solid
Percent Solids: 81.8

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.0031		0.0063	0.0031	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
1,1,1-Trichloroethane	<0.0014		0.0063	0.0014	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
1,1,2,2-Tetrachloroethane	<0.0031		0.0063	0.0031	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
1,1,2-Trichloroethane	<0.0031		0.0063	0.0031	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
1,1-Dichloroethane	<0.0010		0.0063	0.0010	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
1,1-Dichloroethene	<0.0031		0.0063	0.0031	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
1,1-Dichloropropene	<0.0031		0.0063	0.0031	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
1,2,3-Trichlorobenzene	<0.0031		0.0063	0.0031	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
1,2,3-Trichloropropane	<0.0038		0.0063	0.0038	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
1,2,4-Trichlorobenzene	<0.0025		0.0063	0.0025	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
1,2,4-Trimethylbenzene	<0.0013		0.0063	0.0013	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
1,2-Dibromo-3-Chloropropane	<0.0041		0.0063	0.0041	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
1,2-Dichlorobenzene	<0.00089		0.0063	0.00089	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
1,2-Dichloroethane	<0.0010		0.0063	0.0010	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
1,2-Dichloropropane	<0.0031		0.0063	0.0031	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
1,3,5-Trimethylbenzene	<0.0010		0.0063	0.0010	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
1,3-Dichlorobenzene	<0.0012		0.0063	0.0012	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
1,3-Dichloropropane	<0.0013		0.0063	0.0013	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
1,4-Dichlorobenzene	<0.0031		0.0063	0.0031	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
2,2-Dichloropropane	<0.0031		0.0063	0.0031	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
2-Butanone (MEK)	<0.0075		0.031	0.0075	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
2-Chlorotoluene	<0.0031		0.0063	0.0031	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
2-Hexanone	<0.0063		0.031	0.0063	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
4-Chlorotoluene	<0.0012		0.0063	0.0012	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
4-Isopropyltoluene	<0.0013		0.0063	0.0013	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
4-Methyl-2-pentanone (MIBK)	<0.0063		0.031	0.0063	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
Acetone	<0.016		0.031	0.016	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
Benzene	<0.00084		0.0063	0.00084	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
Bromobenzene	<0.0016		0.0063	0.0016	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
Bromoform	<0.0031		0.0063	0.0031	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
Bromomethane	<0.0031		0.0063	0.0031	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
Carbon disulfide	<0.0031		0.0063	0.0031	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
Carbon tetrachloride	<0.0021		0.0063	0.0021	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
Chlorobenzene	<0.00065		0.0063	0.00065	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
Chlorobromomethane	<0.0031		0.0063	0.0031	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
Chlorodibromomethane	<0.0031		0.0063	0.0031	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
Chloroethane	<0.0031		0.0063	0.0031	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
Chloroform	<0.0031		0.0063	0.0031	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
Chloromethane	<0.0013		0.0063	0.0013	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
cis-1,2-Dichloroethene	<0.00095		0.0063	0.00095	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
cis-1,3-Dichloropropene	<0.0015		0.0063	0.0015	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
Dibromomethane	<0.0031		0.0063	0.0031	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
Dichlorobromomethane	<0.0031		0.0063	0.0031	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
Dichlorodifluoromethane	<0.0016		0.0063	0.0016	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
Ethylbenzene	<0.00077		0.0063	0.00077	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
Ethylene Dibromide	<0.0013		0.0063	0.0013	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
Hexachlorobutadiene	<0.0031		0.0063	0.0031	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
Iodomethane	<0.0043		0.0063	0.0043	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
Isopropyl ether	<0.00069		0.0063	0.00069	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

Client Sample ID: B-2
Date Collected: 03/09/20 10:40
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-2
Matrix: Solid
Percent Solids: 81.8

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.00085		0.0063	0.00085	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
Methyl tert-butyl ether	<0.0013		0.0063	0.0013	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
Methylene Chloride	<0.013		0.019	0.013	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
m-Xylene & p-Xylene	<0.0016		0.0063	0.0016	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
Naphthalene	<0.0025		0.0063	0.0025	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
n-Butylbenzene	<0.0012		0.0063	0.0012	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
N-Propylbenzene	<0.0011		0.0063	0.0011	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
o-Xylene	<0.0013		0.0063	0.0013	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
sec-Butylbenzene	<0.0012		0.0063	0.0012	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
Styrene	<0.0013		0.0063	0.0013	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
tert-Butylbenzene	<0.0031		0.0063	0.0031	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
Tetrachloroethene	<0.0031		0.0063	0.0031	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
Toluene	<0.0013		0.0063	0.0013	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
trans-1,2-Dichloroethene	<0.0031		0.0063	0.0031	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
trans-1,3-Dichloropropene	<0.0031		0.0063	0.0031	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
Trichloroethene	<0.0013		0.0063	0.0013	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
Trichlorofluoromethane	<0.0031		0.0063	0.0031	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
Vinyl acetate	<0.011		0.031	0.011	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1
Vinyl chloride	<0.0031		0.0063	0.0031	mg/Kg	☼	03/21/20 13:16	03/21/20 20:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*67 - 130*	*03/21/20 13:16*	*03/21/20 20:04*	*1*
Dibromofluoromethane	*92*		*77 - 127*	*03/21/20 13:16*	*03/21/20 20:04*	*1*
Toluene-d8 (Surr)	*107*		*76 - 127*	*03/21/20 13:16*	*03/21/20 20:04*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
1,2,4,5-Tetrachlorobenzene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
1,2,4-Trichlorobenzene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
1,2-Dichlorobenzene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
1,3-Dichlorobenzene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
1,3-Dinitrobenzene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
1,4-Dichlorobenzene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
1,4-Dioxane	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
1-Methylnaphthalene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
2,2'-oxybis(1-chloropropane)	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
2,3,4,6-Tetrachlorophenol	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
2,4,5-Trichlorophenol	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
2,4,6-Trichlorophenol	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
2,4-Dichlorophenol	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
2,4-Dimethylphenol	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
2,4-Dinitrophenol	<0.34		1.2	0.34	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
2,4-Dinitrotoluene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
2,6-Dinitrotoluene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
2-Chloronaphthalene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
2-Chlorophenol	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
2-Methylnaphthalene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
2-Methylphenol	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
2-Nitroaniline	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

Client Sample ID: B-2
Date Collected: 03/09/20 10:40
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-2
Matrix: Solid
Percent Solids: 81.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
3 & 4 Methylphenol	<0.038		0.77	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
3,3'-Dichlorobenzidine	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
3-Nitroaniline	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
4,6-Dinitro-2-methylphenol	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
4-Bromophenyl phenyl ether	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
4-Chloro-3-methylphenol	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
4-Chloroaniline	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
4-Chlorophenyl phenyl ether	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
4-Nitroaniline	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
4-Nitrophenol	<0.13		0.38	0.13	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Acenaphthene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Acenaphthylene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Acetophenone	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Aniline	<0.050		0.38	0.050	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Anthracene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Atrazine	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Azobenzene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Benzaldehyde	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Benzidine	<0.12		1.2	0.12	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Benzo[a]anthracene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Benzo[a]pyrene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Benzo[b]fluoranthene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Benzo[g,h,i]perylene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Benzo[k]fluoranthene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Benzoic acid	<0.41		1.2	0.41	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Benzyl alcohol	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Bis(2-chloroethoxy)methane	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Bis(2-chloroethyl)ether	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Bis(2-ethylhexyl) phthalate	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Butyl benzyl phthalate	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Caprolactam	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Carbazole	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Chrysene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Dibenz(a,h)anthracene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Dibenzofuran	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Diethyl phthalate	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Dimethyl phthalate	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Di-n-butyl phthalate	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Di-n-octyl phthalate	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Fluoranthene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Fluorene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Hexachlorobenzene	<0.12		0.38	0.12	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Hexachlorobutadiene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Hexachlorocyclopentadiene	<0.077		0.38	0.077	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Hexachloroethane	<0.12		0.38	0.12	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Hexadecane	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Indeno[1,2,3-cd]pyrene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Isophorone	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1

Client Sample ID: B-2
Date Collected: 03/09/20 10:40
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-2
Matrix: Solid
Percent Solids: 81.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
n-Decane	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Nitrobenzene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
N-Nitrosodimethylamine	<0.077		0.38	0.077	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
N-Nitrosodi-n-propylamine	<0.13		0.38	0.13	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
N-Nitrosodiphenylamine	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
n-Octadecane	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Pentachlorophenol	<0.077		0.77	0.077	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Phenanthrene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Phenol	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Pyrene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Pyridine	<0.17		0.38	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1
Sulfolane	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 19:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*79*		*10 - 150*	*03/18/20 07:16*	*03/18/20 19:17*	*1*
2-Fluorobiphenyl	*73*		*27 - 127*	*03/18/20 07:16*	*03/18/20 19:17*	*1*
2-Fluorophenol (Surr)	*68*		*25 - 128*	*03/18/20 07:16*	*03/18/20 19:17*	*1*
Nitrobenzene-d5 (Surr)	*67*		*15 - 136*	*03/18/20 07:16*	*03/18/20 19:17*	*1*
Phenol-d5 (Surr)	*71*		*29 - 130*	*03/18/20 07:16*	*03/18/20 19:17*	*1*
Terphenyl-d14 (Surr)	*87*		*24 - 146*	*03/18/20 07:16*	*03/18/20 19:17*	*1*

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<0.057		0.11	0.057	mg/Kg	☼	03/13/20 18:00	03/13/20 19:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*100*		*65 - 125*	*03/13/20 18:00*	*03/13/20 19:26*	*1*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**5.8**	**J**	6.0	2.4	mg/Kg	☼	03/13/20 10:12	03/18/20 06:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*95*		*27 - 151*	*03/13/20 10:12*	*03/18/20 06:51*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.015		0.10	0.015	mg/Kg	☼	03/13/20 15:57	03/18/20 07:48	5
PCB-1221	<0.049		0.10	0.049	mg/Kg	☼	03/13/20 15:57	03/18/20 07:48	5
PCB-1232	<0.067		0.10	0.067	mg/Kg	☼	03/13/20 15:57	03/18/20 07:48	5
PCB-1242	<0.050		0.10	0.050	mg/Kg	☼	03/13/20 15:57	03/18/20 07:48	5
PCB-1248	<0.020		0.10	0.020	mg/Kg	☼	03/13/20 15:57	03/18/20 07:48	5
PCB-1254	<0.013		0.10	0.013	mg/Kg	☼	03/13/20 15:57	03/18/20 07:48	5
PCB-1260	<0.0073		0.10	0.0073	mg/Kg	☼	03/13/20 15:57	03/18/20 07:48	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*72*		*26 - 129*	*03/13/20 15:57*	*03/18/20 07:48*	*5*
Tetrachloro-m-xylene	*69*		*31 - 122*	*03/13/20 15:57*	*03/18/20 07:48*	*5*

Client Sample Results

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

Client Sample ID: B-2

Date Collected: 03/09/20 10:40
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-2

Matrix: Solid
Percent Solids: 81.8

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.9		1.1	0.63	mg/Kg	☼	03/16/20 13:39	03/18/20 19:10	1
Barium	48		1.1	0.19	mg/Kg	☼	03/16/20 13:39	03/18/20 19:10	1
Cadmium	<0.098		0.55	0.098	mg/Kg	☼	03/16/20 13:39	03/18/20 19:10	1
Chromium	10		1.1	0.34	mg/Kg	☼	03/16/20 13:39	03/20/20 04:41	1
Lead	93	B	1.1	0.24	mg/Kg	☼	03/16/20 13:39	03/18/20 19:10	1
Selenium	<0.96		2.2	0.96	mg/Kg	☼	03/16/20 13:39	03/18/20 19:10	1
Silver	<0.37		0.55	0.37	mg/Kg	☼	03/16/20 13:39	03/18/20 19:10	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.32		0.019	0.011	mg/Kg	☼	03/18/20 08:38	03/24/20 09:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	18.2		0.01		%			03/16/20 09:56	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

Client Sample ID: B-3
Date Collected: 03/09/20 12:10
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-3
Matrix: Solid
Percent Solids: 93.4

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.0027		0.0054	0.0027	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
1,1,1-Trichloroethane	<0.0012		0.0054	0.0012	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
1,1,2,2-Tetrachloroethane	<0.0027		0.0054	0.0027	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
1,1,2-Trichloroethane	<0.0027		0.0054	0.0027	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
1,1-Dichloroethane	<0.00090		0.0054	0.00090	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
1,1-Dichloroethene	<0.0027		0.0054	0.0027	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
1,1-Dichloropropene	<0.0027		0.0054	0.0027	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
1,2,3-Trichlorobenzene	<0.0027		0.0054	0.0027	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
1,2,3-Trichloropropane	<0.0032		0.0054	0.0032	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
1,2,4-Trichlorobenzene	<0.0022		0.0054	0.0022	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
1,2,4-Trimethylbenzene	<0.0011		0.0054	0.0011	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
1,2-Dibromo-3-Chloropropane	<0.0036		0.0054	0.0036	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
1,2-Dichlorobenzene	<0.00077		0.0054	0.00077	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
1,2-Dichloroethane	<0.00089		0.0054	0.00089	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
1,2-Dichloropropane	<0.0027		0.0054	0.0027	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
1,3,5-Trimethylbenzene	<0.00090		0.0054	0.00090	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
1,3-Dichlorobenzene	<0.0010		0.0054	0.0010	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
1,3-Dichloropropane	<0.0011		0.0054	0.0011	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
1,4-Dichlorobenzene	<0.0027		0.0054	0.0027	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
2,2-Dichloropropane	<0.0027		0.0054	0.0027	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
2-Butanone (MEK)	<0.0065		0.027	0.0065	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
2-Chlorotoluene	<0.0027		0.0054	0.0027	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
2-Hexanone	<0.0054		0.027	0.0054	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
4-Chlorotoluene	<0.0011		0.0054	0.0011	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
4-Isopropyltoluene	<0.0011		0.0054	0.0011	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
4-Methyl-2-pentanone (MIBK)	<0.0054		0.027	0.0054	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
Acetone	<0.014		0.027	0.014	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
Benzene	<0.00072		0.0054	0.00072	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
Bromobenzene	<0.0014		0.0054	0.0014	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
Bromoform	<0.0027		0.0054	0.0027	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
Bromomethane	<0.0027		0.0054	0.0027	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
Carbon disulfide	<0.0027		0.0054	0.0027	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
Carbon tetrachloride	<0.0018		0.0054	0.0018	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
Chlorobenzene	<0.00056		0.0054	0.00056	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
Chlorobromomethane	<0.0027		0.0054	0.0027	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
Chlorodibromomethane	<0.0027		0.0054	0.0027	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
Chloroethane	<0.0027		0.0054	0.0027	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
Chloroform	<0.0027		0.0054	0.0027	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
Chloromethane	<0.0011		0.0054	0.0011	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
cis-1,2-Dichloroethene	<0.00082		0.0054	0.00082	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
cis-1,3-Dichloropropene	<0.0013		0.0054	0.0013	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
Dibromomethane	<0.0027		0.0054	0.0027	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
Dichlorobromomethane	<0.0027		0.0054	0.0027	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
Dichlorodifluoromethane	<0.0014		0.0054	0.0014	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
Ethylbenzene	<0.00066		0.0054	0.00066	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
Ethylene Dibromide	<0.0011		0.0054	0.0011	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
Hexachlorobutadiene	<0.0027		0.0054	0.0027	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
Iodomethane	<0.0037		0.0054	0.0037	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
Isopropyl ether	<0.00059		0.0054	0.00059	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1

Client Sample ID: B-3
Date Collected: 03/09/20 12:10
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-3
Matrix: Solid
Percent Solids: 93.4

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.00073		0.0054	0.00073	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
Methyl tert-butyl ether	<0.0011		0.0054	0.0011	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
Methylene Chloride	<0.011		0.016	0.011	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
m-Xylene & p-Xylene	<0.0014		0.0054	0.0014	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
Naphthalene	<0.0022		0.0054	0.0022	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
n-Butylbenzene	<0.0010		0.0054	0.0010	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
N-Propylbenzene	<0.00097		0.0054	0.00097	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
o-Xylene	<0.0011		0.0054	0.0011	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
sec-Butylbenzene	<0.0010		0.0054	0.0010	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
Styrene	<0.0011		0.0054	0.0011	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
tert-Butylbenzene	<0.0027		0.0054	0.0027	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
Tetrachloroethene	<0.0027		0.0054	0.0027	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
Toluene	<0.0011		0.0054	0.0011	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
trans-1,2-Dichloroethene	<0.0027		0.0054	0.0027	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
trans-1,3-Dichloropropene	<0.0027		0.0054	0.0027	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
Trichloroethene	<0.0011		0.0054	0.0011	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
Trichlorofluoromethane	<0.0027		0.0054	0.0027	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
Vinyl acetate	<0.0098		0.027	0.0098	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1
Vinyl chloride	<0.0027		0.0054	0.0027	mg/Kg	☼	03/21/20 13:16	03/21/20 20:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*67 - 130*	*03/21/20 13:16*	*03/21/20 20:34*	*1*
Dibromofluoromethane	*93*		*77 - 127*	*03/21/20 13:16*	*03/21/20 20:34*	*1*
Toluene-d8 (Surr)	*108*		*76 - 127*	*03/21/20 13:16*	*03/21/20 20:34*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
1,2,4,5-Tetrachlorobenzene	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
1,2,4-Trichlorobenzene	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
1,2-Dichlorobenzene	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
1,3-Dichlorobenzene	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
1,3-Dinitrobenzene	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
1,4-Dichlorobenzene	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
1,4-Dioxane	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
1-Methylnaphthalene	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
2,2'-oxybis(1-chloropropane)	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
2,3,4,6-Tetrachlorophenol	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
2,4,5-Trichlorophenol	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
2,4,6-Trichlorophenol	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
2,4-Dichlorophenol	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
2,4-Dimethylphenol	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
2,4-Dinitrophenol	<0.30		1.0	0.30	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
2,4-Dinitrotoluene	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
2,6-Dinitrotoluene	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
2-Chloronaphthalene	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
2-Chlorophenol	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
2-Methylnaphthalene	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
2-Methylphenol	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
2-Nitroaniline	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

Client Sample ID: B-3
Date Collected: 03/09/20 12:10
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-3
Matrix: Solid
Percent Solids: 93.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
3 & 4 Methylphenol	<0.035		0.69	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
3,3'-Dichlorobenzidine	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
3-Nitroaniline	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
4,6-Dinitro-2-methylphenol	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
4-Bromophenyl phenyl ether	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
4-Chloro-3-methylphenol	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
4-Chloroaniline	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
4-Chlorophenyl phenyl ether	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
4-Nitroaniline	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
4-Nitrophenol	<0.12		0.35	0.12	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Acenaphthene	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Acenaphthylene	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Acetophenone	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Aniline	<0.045		0.35	0.045	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Anthracene	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Atrazine	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Azobenzene	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Benzaldehyde	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Benzidine	<0.10		1.0	0.10	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Benzo[a]anthracene	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Benzo[a]pyrene	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Benzo[b]fluoranthene	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Benzo[g,h,i]perylene	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Benzo[k]fluoranthene	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Benzoic acid	<0.37		1.0	0.37	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Benzyl alcohol	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Bis(2-chloroethoxy)methane	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Bis(2-chloroethyl)ether	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Bis(2-ethylhexyl) phthalate	**0.039**	**J B**	0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Butyl benzyl phthalate	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Caprolactam	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Carbazole	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Chrysene	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Dibenz(a,h)anthracene	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Dibenzofuran	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Diethyl phthalate	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Dimethyl phthalate	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Di-n-butyl phthalate	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Di-n-octyl phthalate	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Fluoranthene	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Fluorene	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Hexachlorobenzene	<0.10		0.35	0.10	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Hexachlorobutadiene	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Hexachlorocyclopentadiene	<0.069		0.35	0.069	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Hexachloroethane	<0.10		0.35	0.10	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Hexadecane	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Indeno[1,2,3-cd]pyrene	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Isophorone	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1

Client Sample ID: B-3
Date Collected: 03/09/20 12:10
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-3
Matrix: Solid
Percent Solids: 93.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
n-Decane	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Nitrobenzene	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
N-Nitrosodimethylamine	<0.069		0.35	0.069	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
N-Nitrosodi-n-propylamine	<0.12		0.35	0.12	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
N-Nitrosodiphenylamine	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
n-Octadecane	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Pentachlorophenol	<0.069		0.69	0.069	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Phenanthrene	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Phenol	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Pyrene	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Pyridine	<0.16		0.35	0.16	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1
Sulfolane	<0.035		0.35	0.035	mg/Kg	☼	03/18/20 07:16	03/18/20 19:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*68*		*10 - 150*	*03/18/20 07:16*	*03/18/20 19:43*	*1*
2-Fluorobiphenyl	*61*		*27 - 127*	*03/18/20 07:16*	*03/18/20 19:43*	*1*
2-Fluorophenol (Surr)	*59*		*25 - 128*	*03/18/20 07:16*	*03/18/20 19:43*	*1*
Nitrobenzene-d5 (Surr)	*59*		*15 - 136*	*03/18/20 07:16*	*03/18/20 19:43*	*1*
Phenol-d5 (Surr)	*63*		*29 - 130*	*03/18/20 07:16*	*03/18/20 19:43*	*1*
Terphenyl-d14 (Surr)	*77*		*24 - 146*	*03/18/20 07:16*	*03/18/20 19:43*	*1*

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<0.051		0.10	0.051	mg/Kg	☼	03/13/20 18:00	03/13/20 19:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*105*		*65 - 125*	*03/13/20 18:00*	*03/13/20 19:57*	*1*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**2.4**	**J**	5.2	2.1	mg/Kg	☼	03/13/20 10:12	03/18/20 07:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*66*		*27 - 151*	*03/13/20 10:12*	*03/18/20 07:01*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0025		0.018	0.0025	mg/Kg	☼	03/13/20 15:57	03/18/20 08:19	1
PCB-1221	<0.0085		0.018	0.0085	mg/Kg	☼	03/13/20 15:57	03/18/20 08:19	1
PCB-1232	<0.012		0.018	0.012	mg/Kg	☼	03/13/20 15:57	03/18/20 08:19	1
PCB-1242	<0.0087		0.018	0.0087	mg/Kg	☼	03/13/20 15:57	03/18/20 08:19	1
PCB-1248	<0.0035		0.018	0.0035	mg/Kg	☼	03/13/20 15:57	03/18/20 08:19	1
PCB-1254	<0.0022		0.018	0.0022	mg/Kg	☼	03/13/20 15:57	03/18/20 08:19	1
PCB-1260	<0.0013		0.018	0.0013	mg/Kg	☼	03/13/20 15:57	03/18/20 08:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*52*		*26 - 129*	*03/13/20 15:57*	*03/18/20 08:19*	*1*
Tetrachloro-m-xylene	*51*		*31 - 122*	*03/13/20 15:57*	*03/18/20 08:19*	*1*

Client Sample Results

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

Client Sample ID: B-3

Date Collected: 03/09/20 12:10
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-3

Matrix: Solid
Percent Solids: 93.4

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**1.9**		1.1	0.61	mg/Kg	☼	03/16/20 13:39	03/18/20 19:29	1
Barium	**6.5**		1.1	0.18	mg/Kg	☼	03/16/20 13:39	03/18/20 19:29	1
Cadmium	<0.094		0.53	0.094	mg/Kg	☼	03/16/20 13:39	03/18/20 19:29	1
Chromium	**5.2**		1.1	0.33	mg/Kg	☼	03/16/20 13:39	03/20/20 04:45	1
Lead	**2.2**	**B**	1.1	0.24	mg/Kg	☼	03/16/20 13:39	03/18/20 19:29	1
Selenium	<0.93		2.1	0.93	mg/Kg	☼	03/16/20 13:39	03/18/20 19:29	1
Silver	<0.35		0.53	0.35	mg/Kg	☼	03/16/20 13:39	03/18/20 19:29	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0092		0.015	0.0092	mg/Kg	☼	03/18/20 08:38	03/24/20 09:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**6.6**		0.01		%			03/16/20 10:34	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

Client Sample ID: B-4
Date Collected: 03/09/20 13:00
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-4
Matrix: Solid
Percent Solids: 85.4

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.0025		0.0049	0.0025	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
1,1,1-Trichloroethane	<0.0011		0.0049	0.0011	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
1,1,2,2-Tetrachloroethane	<0.0025		0.0049	0.0025	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
1,1,2-Trichloroethane	<0.0025		0.0049	0.0025	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
1,1-Dichloroethane	<0.00082		0.0049	0.00082	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
1,1-Dichloroethene	<0.0025		0.0049	0.0025	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
1,1-Dichloropropene	<0.0025		0.0049	0.0025	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
1,2,3-Trichlorobenzene	<0.0025		0.0049	0.0025	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
1,2,3-Trichloropropane	<0.0030		0.0049	0.0030	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
1,2,4-Trichlorobenzene	<0.0020		0.0049	0.0020	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
1,2,4-Trimethylbenzene	<0.00099		0.0049	0.00099	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
1,2-Dibromo-3-Chloropropane	<0.0033		0.0049	0.0033	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
1,2-Dichlorobenzene	<0.00070		0.0049	0.00070	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
1,2-Dichloroethane	<0.00081		0.0049	0.00081	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
1,2-Dichloropropane	<0.0025		0.0049	0.0025	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
1,3,5-Trimethylbenzene	<0.00082		0.0049	0.00082	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
1,3-Dichlorobenzene	<0.00094		0.0049	0.00094	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
1,3-Dichloropropane	<0.00099		0.0049	0.00099	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
1,4-Dichlorobenzene	<0.0025		0.0049	0.0025	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
2,2-Dichloropropane	<0.0025		0.0049	0.0025	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
2-Butanone (MEK)	<0.0059		0.025	0.0059	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
2-Chlorotoluene	<0.0025		0.0049	0.0025	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
2-Hexanone	<0.0049		0.025	0.0049	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
4-Chlorotoluene	<0.00097		0.0049	0.00097	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
4-Isopropyltoluene	<0.00099		0.0049	0.00099	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
4-Methyl-2-pentanone (MIBK)	<0.0049		0.025	0.0049	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
Acetone	<0.013		0.025	0.013	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
Benzene	<0.00066		0.0049	0.00066	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
Bromobenzene	<0.0013		0.0049	0.0013	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
Bromoform	<0.0025		0.0049	0.0025	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
Bromomethane	<0.0025		0.0049	0.0025	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
Carbon disulfide	<0.0025		0.0049	0.0025	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
Carbon tetrachloride	<0.0017		0.0049	0.0017	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
Chlorobenzene	<0.00051		0.0049	0.00051	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
Chlorobromomethane	<0.0025		0.0049	0.0025	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
Chlorodibromomethane	<0.0025		0.0049	0.0025	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
Chloroethane	<0.0025		0.0049	0.0025	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
Chloroform	<0.0025		0.0049	0.0025	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
Chloromethane	<0.00099		0.0049	0.00099	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
cis-1,2-Dichloroethene	<0.00075		0.0049	0.00075	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
cis-1,3-Dichloropropene	<0.0012		0.0049	0.0012	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
Dibromomethane	<0.0025		0.0049	0.0025	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
Dichlorobromomethane	<0.0025		0.0049	0.0025	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
Dichlorodifluoromethane	<0.0013		0.0049	0.0013	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
Ethylbenzene	<0.00060		0.0049	0.00060	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
Ethylene Dibromide	<0.00099		0.0049	0.00099	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
Hexachlorobutadiene	<0.0025		0.0049	0.0025	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
Iodomethane	<0.0034		0.0049	0.0034	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
Isopropyl ether	<0.00054		0.0049	0.00054	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

Client Sample ID: B-4
Date Collected: 03/09/20 13:00
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-4
Matrix: Solid
Percent Solids: 85.4

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.00067		0.0049	0.00067	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
Methyl tert-butyl ether	<0.00099		0.0049	0.00099	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
Methylene Chloride	<0.0099		0.015	0.0099	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
m-Xylene & p-Xylene	<0.0013		0.0049	0.0013	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
Naphthalene	<0.0020		0.0049	0.0020	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
n-Butylbenzene	<0.00095		0.0049	0.00095	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
N-Propylbenzene	<0.00089		0.0049	0.00089	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
o-Xylene	<0.00099		0.0049	0.00099	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
sec-Butylbenzene	<0.00094		0.0049	0.00094	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
Styrene	<0.00099		0.0049	0.00099	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
tert-Butylbenzene	<0.0025		0.0049	0.0025	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
Tetrachloroethene	<0.0025		0.0049	0.0025	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
Toluene	<0.00099		0.0049	0.00099	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
trans-1,2-Dichloroethene	<0.0025		0.0049	0.0025	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
trans-1,3-Dichloropropene	<0.0025		0.0049	0.0025	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
Trichloroethene	<0.00099		0.0049	0.00099	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
Trichlorofluoromethane	<0.0025		0.0049	0.0025	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
Vinyl acetate	<0.0090		0.025	0.0090	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1
Vinyl chloride	<0.0025		0.0049	0.0025	mg/Kg	☼	03/21/20 13:16	03/21/20 21:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*67 - 130*	*03/21/20 13:16*	*03/21/20 21:04*	*1*
Dibromofluoromethane	*93*		*77 - 127*	*03/21/20 13:16*	*03/21/20 21:04*	*1*
Toluene-d8 (Surr)	*107*		*76 - 127*	*03/21/20 13:16*	*03/21/20 21:04*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
1,2,4,5-Tetrachlorobenzene	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
1,2,4-Trichlorobenzene	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
1,2-Dichlorobenzene	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
1,3-Dichlorobenzene	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
1,3-Dinitrobenzene	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
1,4-Dichlorobenzene	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
1,4-Dioxane	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
1-Methylnaphthalene	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
2,2'-oxybis(1-chloropropane)	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
2,3,4,6-Tetrachlorophenol	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
2,4,5-Trichlorophenol	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
2,4,6-Trichlorophenol	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
2,4-Dichlorophenol	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
2,4-Dimethylphenol	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
2,4-Dinitrophenol	<0.34		1.2	0.34	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
2,4-Dinitrotoluene	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
2,6-Dinitrotoluene	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
2-Chloronaphthalene	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
2-Chlorophenol	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
2-Methylnaphthalene	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
2-Methylphenol	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
2-Nitroaniline	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

Client Sample ID: B-4
Date Collected: 03/09/20 13:00
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-4
Matrix: Solid
Percent Solids: 85.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
3 & 4 Methylphenol	<0.039		0.77	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
3,3'-Dichlorobenzidine	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
3-Nitroaniline	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
4,6-Dinitro-2-methylphenol	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
4-Bromophenyl phenyl ether	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
4-Chloro-3-methylphenol	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
4-Chloroaniline	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
4-Chlorophenyl phenyl ether	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
4-Nitroaniline	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
4-Nitrophenol	<0.13		0.39	0.13	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Acenaphthene	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Acenaphthylene	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Acetophenone	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Aniline	<0.050		0.39	0.050	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Anthracene	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Atrazine	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Azobenzene	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Benzaldehyde	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Benzidine	<0.12		1.2	0.12	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Benzo[a]anthracene	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Benzo[a]pyrene	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Benzo[b]fluoranthene	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Benzo[g,h,i]perylene	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Benzo[k]fluoranthene	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Benzoic acid	<0.41		1.2	0.41	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Benzyl alcohol	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Bis(2-chloroethoxy)methane	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Bis(2-chloroethyl)ether	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Bis(2-ethylhexyl) phthalate	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Butyl benzyl phthalate	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Caprolactam	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Carbazole	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Chrysene	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Dibenz(a,h)anthracene	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Dibenzofuran	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Diethyl phthalate	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Dimethyl phthalate	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Di-n-butyl phthalate	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Di-n-octyl phthalate	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Fluoranthene	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Fluorene	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Hexachlorobenzene	<0.12		0.39	0.12	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Hexachlorobutadiene	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Hexachlorocyclopentadiene	<0.077		0.39	0.077	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Hexachloroethane	<0.12		0.39	0.12	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Hexadecane	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Indeno[1,2,3-cd]pyrene	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Isophorone	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1

Client Sample ID: B-4
Date Collected: 03/09/20 13:00
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-4
Matrix: Solid
Percent Solids: 85.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
n-Decane	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Nitrobenzene	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
N-Nitrosodimethylamine	<0.077		0.39	0.077	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
N-Nitrosodi-n-propylamine	<0.13		0.39	0.13	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
N-Nitrosodiphenylamine	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
n-Octadecane	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Pentachlorophenol	<0.077		0.77	0.077	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Phenanthrene	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Phenol	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Pyrene	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Pyridine	<0.18		0.39	0.18	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1
Sulfolane	<0.039		0.39	0.039	mg/Kg	☼	03/18/20 07:16	03/18/20 20:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*58*		*10 - 150*	*03/18/20 07:16*	*03/18/20 20:09*	*1*
2-Fluorobiphenyl	*47*		*27 - 127*	*03/18/20 07:16*	*03/18/20 20:09*	*1*
2-Fluorophenol (Surr)	*43*		*25 - 128*	*03/18/20 07:16*	*03/18/20 20:09*	*1*
Nitrobenzene-d5 (Surr)	*43*		*15 - 136*	*03/18/20 07:16*	*03/18/20 20:09*	*1*
Phenol-d5 (Surr)	*47*		*29 - 130*	*03/18/20 07:16*	*03/18/20 20:09*	*1*
Terphenyl-d14 (Surr)	*66*		*24 - 146*	*03/18/20 07:16*	*03/18/20 20:09*	*1*

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<0.054		0.11	0.054	mg/Kg	☼	03/13/20 18:00	03/13/20 20:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*103*		*65 - 125*	*03/13/20 18:00*	*03/13/20 20:21*	*1*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**2.3**	**J**	5.7	2.3	mg/Kg	☼	03/13/20 10:12	03/18/20 07:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*76*		*27 - 151*	*03/13/20 10:12*	*03/18/20 07:11*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0028		0.020	0.0028	mg/Kg	☼	03/13/20 15:57	03/18/20 07:17	1
PCB-1221	<0.0093		0.020	0.0093	mg/Kg	☼	03/13/20 15:57	03/18/20 07:17	1
PCB-1232	<0.013		0.020	0.013	mg/Kg	☼	03/13/20 15:57	03/18/20 07:17	1
PCB-1242	<0.0095		0.020	0.0095	mg/Kg	☼	03/13/20 15:57	03/18/20 07:17	1
PCB-1248	<0.0038		0.020	0.0038	mg/Kg	☼	03/13/20 15:57	03/18/20 07:17	1
PCB-1254	<0.0024		0.020	0.0024	mg/Kg	☼	03/13/20 15:57	03/18/20 07:17	1
PCB-1260	<0.0014		0.020	0.0014	mg/Kg	☼	03/13/20 15:57	03/18/20 07:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*48*		*26 - 129*	*03/13/20 15:57*	*03/18/20 07:17*	*1*
Tetrachloro-m-xylene	*51*		*31 - 122*	*03/13/20 15:57*	*03/18/20 07:17*	*1*

Client Sample Results

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

Client Sample ID: B-4

Date Collected: 03/09/20 13:00
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-4

Matrix: Solid
Percent Solids: 85.4

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**4.5**		1.1	0.65	mg/Kg	☼	03/16/20 13:39	03/18/20 19:43	1
Barium	**17**		1.1	0.19	mg/Kg	☼	03/16/20 13:39	03/18/20 19:43	1
Cadmium	**0.11**	**J**	0.57	0.10	mg/Kg	☼	03/16/20 13:39	03/18/20 19:43	1
Chromium	**7.7**		1.1	0.35	mg/Kg	☼	03/16/20 13:39	03/20/20 04:49	1
Lead	**6.0**	**B**	1.1	0.25	mg/Kg	☼	03/16/20 13:39	03/18/20 19:43	1
Selenium	<0.99		2.3	0.99	mg/Kg	☼	03/16/20 13:39	03/18/20 19:43	1
Silver	<0.38		0.57	0.38	mg/Kg	☼	03/16/20 13:39	03/18/20 19:43	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.011		0.018	0.011	mg/Kg	☼	03/18/20 08:38	03/24/20 09:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**14.6**		0.01		%			03/16/20 10:34	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

Client Sample ID: B-5
Date Collected: 03/09/20 14:00
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-5
Matrix: Solid
Percent Solids: 95.9

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.0023		0.0047	0.0023	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
1,1,1-Trichloroethane	<0.0010		0.0047	0.0010	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
1,1,2,2-Tetrachloroethane	<0.0023		0.0047	0.0023	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
1,1,2-Trichloroethane	<0.0023		0.0047	0.0023	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
1,1-Dichloroethane	<0.00078		0.0047	0.00078	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
1,1-Dichloroethene	<0.0023		0.0047	0.0023	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
1,1-Dichloropropene	<0.0023		0.0047	0.0023	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
1,2,3-Trichlorobenzene	<0.0023		0.0047	0.0023	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
1,2,3-Trichloropropane	<0.0028		0.0047	0.0028	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
1,2,4-Trichlorobenzene	<0.0019		0.0047	0.0019	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
1,2,4-Trimethylbenzene	<0.00094		0.0047	0.00094	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
1,2-Dibromo-3-Chloropropane	<0.0031		0.0047	0.0031	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
1,2-Dichlorobenzene	<0.00067		0.0047	0.00067	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
1,2-Dichloroethane	<0.00077		0.0047	0.00077	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
1,2-Dichloropropane	<0.0023		0.0047	0.0023	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
1,3,5-Trimethylbenzene	<0.00078		0.0047	0.00078	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
1,3-Dichlorobenzene	<0.00089		0.0047	0.00089	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
1,3-Dichloropropane	<0.00094		0.0047	0.00094	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
1,4-Dichlorobenzene	<0.0023		0.0047	0.0023	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
2,2-Dichloropropane	<0.0023		0.0047	0.0023	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
2-Butanone (MEK)	<0.0056		0.023	0.0056	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
2-Chlorotoluene	<0.0023		0.0047	0.0023	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
2-Hexanone	<0.0047		0.023	0.0047	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
4-Chlorotoluene	<0.00092		0.0047	0.00092	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
4-Isopropyltoluene	<0.00094		0.0047	0.00094	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
4-Methyl-2-pentanone (MIBK)	<0.0047		0.023	0.0047	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
Acetone	<0.012		0.023	0.012	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
Benzene	<0.00063		0.0047	0.00063	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
Bromobenzene	<0.0012		0.0047	0.0012	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
Bromoform	<0.0023		0.0047	0.0023	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
Bromomethane	<0.0023		0.0047	0.0023	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
Carbon disulfide	<0.0023		0.0047	0.0023	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
Carbon tetrachloride	<0.0016		0.0047	0.0016	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
Chlorobenzene	<0.00049		0.0047	0.00049	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
Chlorobromomethane	<0.0023		0.0047	0.0023	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
Chlorodibromomethane	<0.0023		0.0047	0.0023	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
Chloroethane	<0.0023		0.0047	0.0023	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
Chloroform	<0.0023		0.0047	0.0023	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
Chloromethane	<0.00094		0.0047	0.00094	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
cis-1,2-Dichloroethene	<0.00071		0.0047	0.00071	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
cis-1,3-Dichloropropene	<0.0011		0.0047	0.0011	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
Dibromomethane	<0.0023		0.0047	0.0023	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
Dichlorobromomethane	<0.0023		0.0047	0.0023	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
Dichlorodifluoromethane	<0.0012		0.0047	0.0012	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
Ethylbenzene	<0.00057		0.0047	0.00057	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
Ethylene Dibromide	<0.00094		0.0047	0.00094	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
Hexachlorobutadiene	<0.0023		0.0047	0.0023	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
Iodomethane	<0.0032		0.0047	0.0032	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
Isopropyl ether	<0.00052		0.0047	0.00052	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1

Client Sample ID: B-5
Date Collected: 03/09/20 14:00
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-5
Matrix: Solid
Percent Solids: 95.9

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.00064		0.0047	0.00064	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
Methyl tert-butyl ether	<0.00094		0.0047	0.00094	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
Methylene Chloride	<0.0094		0.014	0.0094	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
m-Xylene & p-Xylene	<0.0012		0.0047	0.0012	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
Naphthalene	<0.0019		0.0047	0.0019	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
n-Butylbenzene	<0.00090		0.0047	0.00090	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
N-Propylbenzene	<0.00085		0.0047	0.00085	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
o-Xylene	<0.00094		0.0047	0.00094	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
sec-Butylbenzene	<0.00089		0.0047	0.00089	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
Styrene	<0.00094		0.0047	0.00094	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
tert-Butylbenzene	<0.0023		0.0047	0.0023	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
Tetrachloroethene	<0.0023		0.0047	0.0023	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
Toluene	<0.00094		0.0047	0.00094	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
trans-1,2-Dichloroethene	<0.0023		0.0047	0.0023	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
trans-1,3-Dichloropropene	<0.0023		0.0047	0.0023	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
Trichloroethene	<0.00094		0.0047	0.00094	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
Trichlorofluoromethane	<0.0023		0.0047	0.0023	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
Vinyl acetate	<0.0086		0.023	0.0086	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1
Vinyl chloride	<0.0023		0.0047	0.0023	mg/Kg	☼	03/21/20 13:16	03/21/20 21:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*114*		*67 - 130*	*03/21/20 13:16*	*03/21/20 21:35*	*1*
Dibromofluoromethane	*91*		*77 - 127*	*03/21/20 13:16*	*03/21/20 21:35*	*1*
Toluene-d8 (Surr)	*110*		*76 - 127*	*03/21/20 13:16*	*03/21/20 21:35*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
1,2,4,5-Tetrachlorobenzene	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
1,2,4-Trichlorobenzene	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
1,2-Dichlorobenzene	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
1,3-Dichlorobenzene	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
1,3-Dinitrobenzene	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
1,4-Dichlorobenzene	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
1,4-Dioxane	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
1-Methylnaphthalene	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
2,2'-oxybis(1-chloropropane)	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
2,3,4,6-Tetrachlorophenol	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
2,4,5-Trichlorophenol	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
2,4,6-Trichlorophenol	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
2,4-Dichlorophenol	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
2,4-Dimethylphenol	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
2,4-Dinitrophenol	<1.5		5.1	1.5	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
2,4-Dinitrotoluene	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
2,6-Dinitrotoluene	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
2-Chloronaphthalene	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
2-Chlorophenol	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
2-Methylnaphthalene	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
2-Methylphenol	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
2-Nitroaniline	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

Client Sample ID: B-5
Date Collected: 03/09/20 14:00
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-5
Matrix: Solid
Percent Solids: 95.9

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
3 & 4 Methylphenol	<0.17		3.4	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
3,3'-Dichlorobenzidine	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
3-Nitroaniline	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
4,6-Dinitro-2-methylphenol	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
4-Bromophenyl phenyl ether	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
4-Chloro-3-methylphenol	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
4-Chloroaniline	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
4-Chlorophenyl phenyl ether	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
4-Nitroaniline	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
4-Nitrophenol	<0.57		1.7	0.57	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Acenaphthene	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Acenaphthylene	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Acetophenone	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Aniline	<0.22		1.7	0.22	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Anthracene	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Atrazine	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Azobenzene	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Benzaldehyde	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Benzidine	<0.51		5.1	0.51	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Benzo[a]anthracene	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Benzo[a]pyrene	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Benzo[b]fluoranthene	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Benzo[g,h,i]perylene	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Benzo[k]fluoranthene	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Benzoic acid	<1.8		5.1	1.8	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Benzyl alcohol	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Bis(2-chloroethoxy)methane	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Bis(2-chloroethyl)ether	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Bis(2-ethylhexyl) phthalate	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Butyl benzyl phthalate	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Caprolactam	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Carbazole	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Chrysene	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Dibenz(a,h)anthracene	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Dibenzofuran	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Diethyl phthalate	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Dimethyl phthalate	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Di-n-butyl phthalate	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Di-n-octyl phthalate	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Fluoranthene	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Fluorene	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Hexachlorobenzene	<0.52		1.7	0.52	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Hexachlorobutadiene	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Hexachlorocyclopentadiene	<0.34		1.7	0.34	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Hexachloroethane	<0.52		1.7	0.52	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Hexadecane	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Indeno[1,2,3-cd]pyrene	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Isophorone	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5

Client Sample ID: B-5
Date Collected: 03/09/20 14:00
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-5
Matrix: Solid
Percent Solids: 95.9

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
n-Decane	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Nitrobenzene	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
N-Nitrosodimethylamine	<0.34		1.7	0.34	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
N-Nitrosodi-n-propylamine	<0.57		1.7	0.57	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
N-Nitrosodiphenylamine	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
n-Octadecane	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Pentachlorophenol	<0.34		3.4	0.34	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Phenanthrene	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Phenol	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Pyrene	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Pyridine	<0.78		1.7	0.78	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5
Sulfolane	<0.17		1.7	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 20:34	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*10 - 150*	*03/18/20 07:16*	*03/18/20 20:34*	*5*
2-Fluorobiphenyl	*64*		*27 - 127*	*03/18/20 07:16*	*03/18/20 20:34*	*5*
2-Fluorophenol (Surr)	*62*		*25 - 128*	*03/18/20 07:16*	*03/18/20 20:34*	*5*
Nitrobenzene-d5 (Surr)	*62*		*15 - 136*	*03/18/20 07:16*	*03/18/20 20:34*	*5*
Phenol-d5 (Surr)	*65*		*29 - 130*	*03/18/20 07:16*	*03/18/20 20:34*	*5*
Terphenyl-d14 (Surr)	*83*		*24 - 146*	*03/18/20 07:16*	*03/18/20 20:34*	*5*

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<0.049		0.097	0.049	mg/Kg	☼	03/13/20 18:00	03/13/20 20:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*108*		*65 - 125*	*03/13/20 18:00*	*03/13/20 20:48*	*1*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**22**		5.0	2.0	mg/Kg	☼	03/13/20 10:12	03/18/20 16:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*76*		*27 - 151*	*03/13/20 10:12*	*03/18/20 16:08*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.012		0.085	0.012	mg/Kg	☼	03/13/20 15:57	03/18/20 08:50	5
PCB-1221	<0.040		0.085	0.040	mg/Kg	☼	03/13/20 15:57	03/18/20 08:50	5
PCB-1232	<0.055		0.085	0.055	mg/Kg	☼	03/13/20 15:57	03/18/20 08:50	5
PCB-1242	<0.041		0.085	0.041	mg/Kg	☼	03/13/20 15:57	03/18/20 08:50	5
PCB-1248	<0.017		0.085	0.017	mg/Kg	☼	03/13/20 15:57	03/18/20 08:50	5
PCB-1254	<0.011		0.085	0.011	mg/Kg	☼	03/13/20 15:57	03/18/20 08:50	5
PCB-1260	<0.0060		0.085	0.0060	mg/Kg	☼	03/13/20 15:57	03/18/20 08:50	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*52*		*26 - 129*	*03/13/20 15:57*	*03/18/20 08:50*	*5*
Tetrachloro-m-xylene	*58*		*31 - 122*	*03/13/20 15:57*	*03/18/20 08:50*	*5*

Client Sample Results

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

Client Sample ID: B-5

Date Collected: 03/09/20 14:00
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-5

Matrix: Solid
Percent Solids: 95.9

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**2.1**		1.0	0.59	mg/Kg	☼	03/16/20 13:39	03/18/20 19:46	1
Barium	**31**		1.0	0.18	mg/Kg	☼	03/16/20 13:39	03/18/20 19:46	1
Cadmium	<0.092		0.52	0.092	mg/Kg	☼	03/16/20 13:39	03/18/20 19:46	1
Chromium	**16**		1.0	0.32	mg/Kg	☼	03/16/20 13:39	03/20/20 04:52	1
Lead	**5.7**	**B**	1.0	0.23	mg/Kg	☼	03/16/20 13:39	03/18/20 19:46	1
Selenium	<0.91		2.1	0.91	mg/Kg	☼	03/16/20 13:39	03/18/20 19:46	1
Silver	<0.34		0.52	0.34	mg/Kg	☼	03/16/20 13:39	03/18/20 19:46	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0094		0.016	0.0094	mg/Kg	☼	03/18/20 08:38	03/24/20 09:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**4.1**		0.01		%			03/16/20 10:34	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

Client Sample ID: B-6
Date Collected: 03/09/20 16:00
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-6
Matrix: Solid
Percent Solids: 84.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.0026		0.0052	0.0026	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
1,1,1-Trichloroethane	<0.0011		0.0052	0.0011	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
1,1,2,2-Tetrachloroethane	<0.0026		0.0052	0.0026	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
1,1,2-Trichloroethane	<0.0026		0.0052	0.0026	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
1,1-Dichloroethane	<0.00086		0.0052	0.00086	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
1,1-Dichloroethene	<0.0026		0.0052	0.0026	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
1,1-Dichloropropene	<0.0026		0.0052	0.0026	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
1,2,3-Trichlorobenzene	<0.0026		0.0052	0.0026	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
1,2,3-Trichloropropane	<0.0031		0.0052	0.0031	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
1,2,4-Trichlorobenzene	<0.0021		0.0052	0.0021	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
1,2,4-Trimethylbenzene	<0.0010		0.0052	0.0010	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
1,2-Dibromo-3-Chloropropane	<0.0034		0.0052	0.0034	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
1,2-Dichlorobenzene	<0.00073		0.0052	0.00073	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
1,2-Dichloroethane	<0.00085		0.0052	0.00085	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
1,2-Dichloropropane	<0.0026		0.0052	0.0026	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
1,3,5-Trimethylbenzene	<0.00086		0.0052	0.00086	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
1,3-Dichlorobenzene	<0.00098		0.0052	0.00098	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
1,3-Dichloropropane	<0.0010		0.0052	0.0010	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
1,4-Dichlorobenzene	<0.0026		0.0052	0.0026	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
2,2-Dichloropropane	<0.0026		0.0052	0.0026	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
2-Butanone (MEK)	<0.0062		0.026	0.0062	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
2-Chlorotoluene	<0.0026		0.0052	0.0026	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
2-Hexanone	<0.0052		0.026	0.0052	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
4-Chlorotoluene	<0.0010		0.0052	0.0010	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
4-Isopropyltoluene	<0.0010		0.0052	0.0010	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
4-Methyl-2-pentanone (MIBK)	<0.0052		0.026	0.0052	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
Acetone	**0.015**	**J**	0.026	0.013	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
Benzene	<0.00069		0.0052	0.00069	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
Bromobenzene	<0.0013		0.0052	0.0013	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
Bromoform	<0.0026		0.0052	0.0026	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
Bromomethane	<0.0026		0.0052	0.0026	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
Carbon disulfide	<0.0026		0.0052	0.0026	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
Carbon tetrachloride	<0.0018		0.0052	0.0018	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
Chlorobenzene	<0.00054		0.0052	0.00054	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
Chlorobromomethane	<0.0026		0.0052	0.0026	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
Chlorodibromomethane	<0.0026		0.0052	0.0026	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
Chloroethane	<0.0026		0.0052	0.0026	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
Chloroform	<0.0026		0.0052	0.0026	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
Chloromethane	<0.0010		0.0052	0.0010	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
cis-1,2-Dichloroethene	<0.00079		0.0052	0.00079	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
cis-1,3-Dichloropropene	<0.0012		0.0052	0.0012	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
Dibromomethane	<0.0026		0.0052	0.0026	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
Dichlorobromomethane	<0.0026		0.0052	0.0026	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
Dichlorodifluoromethane	<0.0013		0.0052	0.0013	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
Ethylbenzene	<0.00063		0.0052	0.00063	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
Ethylene Dibromide	<0.0010		0.0052	0.0010	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
Hexachlorobutadiene	<0.0026		0.0052	0.0026	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
Iodomethane	<0.0035		0.0052	0.0035	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
Isopropyl ether	<0.00057		0.0052	0.00057	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

Client Sample ID: B-6
Date Collected: 03/09/20 16:00
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-6
Matrix: Solid
Percent Solids: 84.3

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.00070		0.0052	0.00070	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
Methyl tert-butyl ether	<0.0010		0.0052	0.0010	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
Methylene Chloride	<0.010		0.016	0.010	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
m-Xylene & p-Xylene	<0.0013		0.0052	0.0013	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
Naphthalene	<0.0021		0.0052	0.0021	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
n-Butylbenzene	<0.00099		0.0052	0.00099	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
N-Propylbenzene	<0.00093		0.0052	0.00093	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
o-Xylene	<0.0010		0.0052	0.0010	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
sec-Butylbenzene	<0.00098		0.0052	0.00098	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
Styrene	<0.0010		0.0052	0.0010	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
tert-Butylbenzene	<0.0026		0.0052	0.0026	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
Tetrachloroethene	<0.0026		0.0052	0.0026	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
Toluene	<0.0010		0.0052	0.0010	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
trans-1,2-Dichloroethene	<0.0026		0.0052	0.0026	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
trans-1,3-Dichloropropene	<0.0026		0.0052	0.0026	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
Trichloroethene	<0.0010		0.0052	0.0010	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
Trichlorofluoromethane	<0.0026		0.0052	0.0026	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
Vinyl acetate	<0.0094		0.026	0.0094	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1
Vinyl chloride	<0.0026		0.0052	0.0026	mg/Kg	☼	03/21/20 13:16	03/21/20 22:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*67 - 130*	*03/21/20 13:16*	*03/21/20 22:04*	*1*
Dibromofluoromethane	*91*		*77 - 127*	*03/21/20 13:16*	*03/21/20 22:04*	*1*
Toluene-d8 (Surr)	*109*		*76 - 127*	*03/21/20 13:16*	*03/21/20 22:04*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
1,2,4,5-Tetrachlorobenzene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
1,2,4-Trichlorobenzene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
1,2-Dichlorobenzene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
1,3-Dichlorobenzene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
1,3-Dinitrobenzene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
1,4-Dichlorobenzene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
1,4-Dioxane	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
1-Methylnaphthalene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
2,2'-oxybis(1-chloropropane)	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
2,3,4,6-Tetrachlorophenol	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
2,4,5-Trichlorophenol	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
2,4,6-Trichlorophenol	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
2,4-Dichlorophenol	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
2,4-Dimethylphenol	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
2,4-Dinitrophenol	<0.34		1.2	0.34	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
2,4-Dinitrotoluene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
2,6-Dinitrotoluene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
2-Chloronaphthalene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
2-Chlorophenol	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
2-Methylnaphthalene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
2-Methylphenol	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
2-Nitroaniline	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

Client Sample ID: B-6
Date Collected: 03/09/20 16:00
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-6
Matrix: Solid
Percent Solids: 84.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
3 & 4 Methylphenol	<0.038		0.77	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
3,3'-Dichlorobenzidine	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
3-Nitroaniline	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
4,6-Dinitro-2-methylphenol	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
4-Bromophenyl phenyl ether	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
4-Chloro-3-methylphenol	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
4-Chloroaniline	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
4-Chlorophenyl phenyl ether	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
4-Nitroaniline	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
4-Nitrophenol	<0.13		0.38	0.13	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Acenaphthene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Acenaphthylene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Acetophenone	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Aniline	<0.050		0.38	0.050	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Anthracene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Atrazine	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Azobenzene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Benzaldehyde	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Benzidine	<0.12		1.2	0.12	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Benzo[a]anthracene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Benzo[a]pyrene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Benzo[b]fluoranthene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Benzo[g,h,i]perylene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Benzo[k]fluoranthene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Benzoic acid	<0.41		1.2	0.41	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Benzyl alcohol	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Bis(2-chloroethoxy)methane	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Bis(2-chloroethyl)ether	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Bis(2-ethylhexyl) phthalate	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Butyl benzyl phthalate	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Caprolactam	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Carbazole	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Chrysene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Dibenz(a,h)anthracene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Dibenzofuran	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Diethyl phthalate	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Dimethyl phthalate	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Di-n-butyl phthalate	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Di-n-octyl phthalate	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Fluoranthene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Fluorene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Hexachlorobenzene	<0.12		0.38	0.12	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Hexachlorobutadiene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Hexachlorocyclopentadiene	<0.077		0.38	0.077	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Hexachloroethane	<0.12		0.38	0.12	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Hexadecane	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Indeno[1,2,3-cd]pyrene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Isophorone	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1

Client Sample ID: B-6
Date Collected: 03/09/20 16:00
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-6
Matrix: Solid
Percent Solids: 84.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
n-Decane	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Nitrobenzene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
N-Nitrosodimethylamine	<0.077		0.38	0.077	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
N-Nitrosodi-n-propylamine	<0.13		0.38	0.13	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
N-Nitrosodiphenylamine	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
n-Octadecane	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Pentachlorophenol	<0.077		0.77	0.077	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Phenanthrene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Phenol	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Pyrene	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Pyridine	<0.17		0.38	0.17	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1
Sulfolane	<0.038		0.38	0.038	mg/Kg	☼	03/18/20 07:16	03/18/20 21:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*52*		*10 - 150*	*03/18/20 07:16*	*03/18/20 21:00*	*1*
2-Fluorobiphenyl	*49*		*27 - 127*	*03/18/20 07:16*	*03/18/20 21:00*	*1*
2-Fluorophenol (Surr)	*47*		*25 - 128*	*03/18/20 07:16*	*03/18/20 21:00*	*1*
Nitrobenzene-d5 (Surr)	*47*		*15 - 136*	*03/18/20 07:16*	*03/18/20 21:00*	*1*
Phenol-d5 (Surr)	*48*		*29 - 130*	*03/18/20 07:16*	*03/18/20 21:00*	*1*
Terphenyl-d14 (Surr)	*61*		*24 - 146*	*03/18/20 07:16*	*03/18/20 21:00*	*1*

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<0.056		0.11	0.056	mg/Kg	☼	03/13/20 18:00	03/13/20 21:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*107*		*65 - 125*	*03/13/20 18:00*	*03/13/20 21:14*	*1*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**2.3**	**J**	5.9	2.3	mg/Kg	☼	03/13/20 10:12	03/18/20 16:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*109*		*27 - 151*	*03/13/20 10:12*	*03/18/20 16:18*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0027		0.019	0.0027	mg/Kg	☼	03/13/20 15:57	03/18/20 09:21	1
PCB-1221	<0.0091		0.019	0.0091	mg/Kg	☼	03/13/20 15:57	03/18/20 09:21	1
PCB-1232	<0.012		0.019	0.012	mg/Kg	☼	03/13/20 15:57	03/18/20 09:21	1
PCB-1242	<0.0093		0.019	0.0093	mg/Kg	☼	03/13/20 15:57	03/18/20 09:21	1
PCB-1248	<0.0037		0.019	0.0037	mg/Kg	☼	03/13/20 15:57	03/18/20 09:21	1
PCB-1254	<0.0024		0.019	0.0024	mg/Kg	☼	03/13/20 15:57	03/18/20 09:21	1
PCB-1260	<0.0014		0.019	0.0014	mg/Kg	☼	03/13/20 15:57	03/18/20 09:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*55*		*26 - 129*	*03/13/20 15:57*	*03/18/20 09:21*	*1*
Tetrachloro-m-xylene	*45*		*31 - 122*	*03/13/20 15:57*	*03/18/20 09:21*	*1*

Client Sample Results

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

Client Sample ID: B-6

Date Collected: 03/09/20 16:00
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-6

Matrix: Solid
Percent Solids: 84.3

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**2.3**		1.1	0.62	mg/Kg	☼	03/16/20 13:39	03/18/20 19:50	1
Barium	**20**		1.1	0.18	mg/Kg	☼	03/16/20 13:39	03/18/20 19:50	1
Cadmium	<0.096		0.54	0.096	mg/Kg	☼	03/16/20 13:39	03/18/20 19:50	1
Chromium	**9.1**		1.1	0.34	mg/Kg	☼	03/16/20 13:39	03/20/20 05:07	1
Lead	**5.1**	**B**	1.1	0.24	mg/Kg	☼	03/16/20 13:39	03/18/20 19:50	1
Selenium	<0.94		2.2	0.94	mg/Kg	☼	03/16/20 13:39	03/18/20 19:50	1
Silver	<0.36		0.54	0.36	mg/Kg	☼	03/16/20 13:39	03/18/20 19:50	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.010		0.017	0.010	mg/Kg	☼	03/18/20 08:38	03/24/20 09:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**15.7**		0.01		%			03/16/20 10:34	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

Client Sample ID: B-7
Date Collected: 03/09/20 16:30
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-7
Matrix: Solid
Percent Solids: 82.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.0029		0.0058	0.0029	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
1,1,1-Trichloroethane	<0.0013		0.0058	0.0013	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
1,1,2,2-Tetrachloroethane	<0.0029		0.0058	0.0029	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
1,1,2-Trichloroethane	<0.0029		0.0058	0.0029	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
1,1-Dichloroethane	<0.00096		0.0058	0.00096	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
1,1-Dichloroethene	<0.0029		0.0058	0.0029	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
1,1-Dichloropropene	<0.0029		0.0058	0.0029	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
1,2,3-Trichlorobenzene	<0.0029		0.0058	0.0029	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
1,2,3-Trichloropropane	<0.0035		0.0058	0.0035	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
1,2,4-Trichlorobenzene	<0.0023		0.0058	0.0023	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
1,2,4-Trimethylbenzene	<0.0012		0.0058	0.0012	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
1,2-Dibromo-3-Chloropropane	<0.0038		0.0058	0.0038	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
1,2-Dichlorobenzene	<0.00082		0.0058	0.00082	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
1,2-Dichloroethane	<0.00095		0.0058	0.00095	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
1,2-Dichloropropane	<0.0029		0.0058	0.0029	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
1,3,5-Trimethylbenzene	<0.00096		0.0058	0.00096	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
1,3-Dichlorobenzene	<0.0011		0.0058	0.0011	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
1,3-Dichloropropane	<0.0012		0.0058	0.0012	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
1,4-Dichlorobenzene	<0.0029		0.0058	0.0029	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
2,2-Dichloropropane	<0.0029		0.0058	0.0029	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
2-Butanone (MEK)	<0.0069		0.029	0.0069	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
2-Chlorotoluene	<0.0029		0.0058	0.0029	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
2-Hexanone	<0.0058		0.029	0.0058	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
4-Chlorotoluene	<0.0011		0.0058	0.0011	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
4-Isopropyltoluene	<0.0012		0.0058	0.0012	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
4-Methyl-2-pentanone (MIBK)	<0.0058		0.029	0.0058	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
Acetone	<0.015		0.029	0.015	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
Benzene	<0.00077		0.0058	0.00077	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
Bromobenzene	<0.0015		0.0058	0.0015	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
Bromoform	<0.0029		0.0058	0.0029	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
Bromomethane	<0.0029		0.0058	0.0029	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
Carbon disulfide	<0.0029		0.0058	0.0029	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
Carbon tetrachloride	<0.0020		0.0058	0.0020	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
Chlorobenzene	<0.00060		0.0058	0.00060	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
Chlorobromomethane	<0.0029		0.0058	0.0029	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
Chlorodibromomethane	<0.0029		0.0058	0.0029	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
Chloroethane	<0.0029		0.0058	0.0029	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
Chloroform	<0.0029		0.0058	0.0029	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
Chloromethane	<0.0012		0.0058	0.0012	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
cis-1,2-Dichloroethene	<0.00088		0.0058	0.00088	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
cis-1,3-Dichloropropene	<0.0014		0.0058	0.0014	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
Dibromomethane	<0.0029		0.0058	0.0029	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
Dichlorobromomethane	<0.0029		0.0058	0.0029	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
Dichlorodifluoromethane	<0.0015		0.0058	0.0015	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
Ethylbenzene	<0.00070		0.0058	0.00070	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
Ethylene Dibromide	<0.0012		0.0058	0.0012	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
Hexachlorobutadiene	<0.0029		0.0058	0.0029	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
Iodomethane	<0.0039		0.0058	0.0039	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
Isopropyl ether	<0.00063		0.0058	0.00063	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

Client Sample ID: B-7
Date Collected: 03/09/20 16:30
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-7
Matrix: Solid
Percent Solids: 82.6

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.00078		0.0058	0.00078	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
Methyl tert-butyl ether	<0.0012		0.0058	0.0012	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
Methylene Chloride	<0.012		0.017	0.012	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
m-Xylene & p-Xylene	<0.0015		0.0058	0.0015	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
Naphthalene	<0.0023		0.0058	0.0023	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
n-Butylbenzene	<0.0011		0.0058	0.0011	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
N-Propylbenzene	<0.0010		0.0058	0.0010	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
o-Xylene	<0.0012		0.0058	0.0012	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
sec-Butylbenzene	<0.0011		0.0058	0.0011	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
Styrene	<0.0012		0.0058	0.0012	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
tert-Butylbenzene	<0.0029		0.0058	0.0029	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
Tetrachloroethene	<0.0029		0.0058	0.0029	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
Toluene	<0.0012		0.0058	0.0012	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
trans-1,2-Dichloroethene	<0.0029		0.0058	0.0029	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
trans-1,3-Dichloropropene	<0.0029		0.0058	0.0029	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
Trichloroethene	<0.0012		0.0058	0.0012	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
Trichlorofluoromethane	<0.0029		0.0058	0.0029	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
Vinyl acetate	<0.010		0.029	0.010	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1
Vinyl chloride	<0.0029		0.0058	0.0029	mg/Kg	☼	03/21/20 13:16	03/21/20 22:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*67 - 130*	*03/21/20 13:16*	*03/21/20 22:34*	*1*
Dibromofluoromethane	*90*		*77 - 127*	*03/21/20 13:16*	*03/21/20 22:34*	*1*
Toluene-d8 (Surr)	*108*		*76 - 127*	*03/21/20 13:16*	*03/21/20 22:34*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
1,2,4,5-Tetrachlorobenzene	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
1,2,4-Trichlorobenzene	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
1,2-Dichlorobenzene	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
1,3-Dichlorobenzene	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
1,3-Dinitrobenzene	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
1,4-Dichlorobenzene	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
1,4-Dioxane	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
1-Methylnaphthalene	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
2,2'-oxybis(1-chloropropane)	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
2,3,4,6-Tetrachlorophenol	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
2,4,5-Trichlorophenol	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
2,4,6-Trichlorophenol	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
2,4-Dichlorophenol	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
2,4-Dimethylphenol	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
2,4-Dinitrophenol	<0.35		1.2	0.35	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
2,4-Dinitrotoluene	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
2,6-Dinitrotoluene	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
2-Chloronaphthalene	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
2-Chlorophenol	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
2-Methylnaphthalene	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
2-Methylphenol	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
2-Nitroaniline	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

Client Sample ID: B-7
Date Collected: 03/09/20 16:30
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-7
Matrix: Solid
Percent Solids: 82.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
3 & 4 Methylphenol	<0.040		0.79	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
3,3'-Dichlorobenzidine	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
3-Nitroaniline	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
4,6-Dinitro-2-methylphenol	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
4-Bromophenyl phenyl ether	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
4-Chloro-3-methylphenol	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
4-Chloroaniline	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
4-Chlorophenyl phenyl ether	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
4-Nitroaniline	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
4-Nitrophenol	<0.13		0.40	0.13	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Acenaphthene	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Acenaphthylene	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Acetophenone	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Aniline	<0.052		0.40	0.052	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Anthracene	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Atrazine	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Azobenzene	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Benzaldehyde	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Benzidine	<0.12		1.2	0.12	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Benzo[a]anthracene	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Benzo[a]pyrene	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Benzo[b]fluoranthene	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Benzo[g,h,i]perylene	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Benzo[k]fluoranthene	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Benzoic acid	<0.42		1.2	0.42	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Benzyl alcohol	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Bis(2-chloroethoxy)methane	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Bis(2-chloroethyl)ether	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Bis(2-ethylhexyl) phthalate	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Butyl benzyl phthalate	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Caprolactam	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Carbazole	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Chrysene	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Dibenz(a,h)anthracene	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Dibenzofuran	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Diethyl phthalate	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Dimethyl phthalate	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Di-n-butyl phthalate	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Di-n-octyl phthalate	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Fluoranthene	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Fluorene	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Hexachlorobenzene	<0.12		0.40	0.12	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Hexachlorobutadiene	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Hexachlorocyclopentadiene	<0.079		0.40	0.079	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Hexachloroethane	<0.12		0.40	0.12	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Hexadecane	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Indeno[1,2,3-cd]pyrene	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Isophorone	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1

Client Sample ID: B-7
Date Collected: 03/09/20 16:30
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-7
Matrix: Solid
Percent Solids: 82.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
n-Decane	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Nitrobenzene	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
N-Nitrosodimethylamine	<0.079		0.40	0.079	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
N-Nitrosodi-n-propylamine	<0.13		0.40	0.13	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
N-Nitrosodiphenylamine	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
n-Octadecane	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Pentachlorophenol	<0.079		0.79	0.079	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Phenanthrene	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Phenol	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Pyrene	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Pyridine	<0.18		0.40	0.18	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1
Sulfolane	<0.040		0.40	0.040	mg/Kg	☼	03/18/20 07:16	03/18/20 21:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*56*		*10 - 150*	*03/18/20 07:16*	*03/18/20 21:25*	*1*
2-Fluorobiphenyl	*53*		*27 - 127*	*03/18/20 07:16*	*03/18/20 21:25*	*1*
2-Fluorophenol (Surr)	*49*		*25 - 128*	*03/18/20 07:16*	*03/18/20 21:25*	*1*
Nitrobenzene-d5 (Surr)	*51*		*15 - 136*	*03/18/20 07:16*	*03/18/20 21:25*	*1*
Phenol-d5 (Surr)	*53*		*29 - 130*	*03/18/20 07:16*	*03/18/20 21:25*	*1*
Terphenyl-d14 (Surr)	*66*		*24 - 146*	*03/18/20 07:16*	*03/18/20 21:25*	*1*

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<0.056		0.11	0.056	mg/Kg	☼	03/13/20 18:00	03/13/20 21:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*105*		*65 - 125*	*03/13/20 18:00*	*03/13/20 21:40*	*1*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**3.7**	**J**	5.8	2.3	mg/Kg	☼	03/13/20 10:12	03/18/20 16:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*87*		*27 - 151*	*03/13/20 10:12*	*03/18/20 16:28*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0029		0.020	0.0029	mg/Kg	☼	03/13/20 15:57	03/18/20 09:51	1
PCB-1221	<0.0095		0.020	0.0095	mg/Kg	☼	03/13/20 15:57	03/18/20 09:51	1
PCB-1232	<0.013		0.020	0.013	mg/Kg	☼	03/13/20 15:57	03/18/20 09:51	1
PCB-1242	<0.0098		0.020	0.0098	mg/Kg	☼	03/13/20 15:57	03/18/20 09:51	1
PCB-1248	<0.0039		0.020	0.0039	mg/Kg	☼	03/13/20 15:57	03/18/20 09:51	1
PCB-1254	<0.0025		0.020	0.0025	mg/Kg	☼	03/13/20 15:57	03/18/20 09:51	1
PCB-1260	<0.0014		0.020	0.0014	mg/Kg	☼	03/13/20 15:57	03/18/20 09:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*59*		*26 - 129*	*03/13/20 15:57*	*03/18/20 09:51*	*1*
Tetrachloro-m-xylene	*46*		*31 - 122*	*03/13/20 15:57*	*03/18/20 09:51*	*1*

Client Sample Results

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

Client Sample ID: B-7

Date Collected: 03/09/20 16:30
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-7

Matrix: Solid
Percent Solids: 82.6

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**1.9**		1.2	0.67	mg/Kg	☼	03/16/20 13:39	03/18/20 19:54	1
Barium	**19**		1.2	0.20	mg/Kg	☼	03/16/20 13:39	03/18/20 19:54	1
Cadmium	<0.10		0.59	0.10	mg/Kg	☼	03/16/20 13:39	03/18/20 19:54	1
Chromium	**10**		1.2	0.37	mg/Kg	☼	03/16/20 13:39	03/20/20 05:11	1
Lead	**4.6**	**B**	1.2	0.26	mg/Kg	☼	03/16/20 13:39	03/18/20 19:54	1
Selenium	<1.0		2.4	1.0	mg/Kg	☼	03/16/20 13:39	03/18/20 19:54	1
Silver	<0.39		0.59	0.39	mg/Kg	☼	03/16/20 13:39	03/18/20 19:54	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.011		0.019	0.011	mg/Kg	☼	03/18/20 08:38	03/24/20 09:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**17.4**		0.01		%			03/16/20 10:34	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 400-483042/2-A
Matrix: Solid
Analysis Batch: 482994

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 483042

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.0025		0.0050	0.0025	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
1,1,1-Trichloroethane	<0.0011		0.0050	0.0011	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
1,1,2,2-Tetrachloroethane	<0.0025		0.0050	0.0025	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
1,1,2-Trichloroethane	<0.0025		0.0050	0.0025	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
1,1-Dichloroethane	<0.00083		0.0050	0.00083	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
1,1-Dichloroethene	<0.0025		0.0050	0.0025	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
1,1-Dichloropropene	<0.0025		0.0050	0.0025	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
1,2,3-Trichlorobenzene	<0.0025		0.0050	0.0025	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
1,2,3-Trichloropropane	<0.0030		0.0050	0.0030	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
1,2,4-Trichlorobenzene	<0.0020		0.0050	0.0020	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
1,2,4-Trimethylbenzene	<0.0010		0.0050	0.0010	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
1,2-Dibromo-3-Chloropropane	<0.0033		0.0050	0.0033	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
1,2-Dichlorobenzene	<0.00071		0.0050	0.00071	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
1,2-Dichloroethane	<0.00082		0.0050	0.00082	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
1,2-Dichloropropane	<0.0025		0.0050	0.0025	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
1,3,5-Trimethylbenzene	<0.00083		0.0050	0.00083	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
1,3-Dichlorobenzene	<0.00095		0.0050	0.00095	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
1,3-Dichloropropane	<0.0010		0.0050	0.0010	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
1,4-Dichlorobenzene	<0.0025		0.0050	0.0025	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
2,2-Dichloropropane	<0.0025		0.0050	0.0025	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
2-Butanone (MEK)	<0.0060		0.025	0.0060	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
2-Chlorotoluene	<0.0025		0.0050	0.0025	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
2-Hexanone	<0.0050		0.025	0.0050	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
4-Chlorotoluene	<0.00098		0.0050	0.00098	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
4-Isopropyltoluene	<0.0010		0.0050	0.0010	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.025	0.0050	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
Acetone	<0.013		0.025	0.013	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
Benzene	<0.00067		0.0050	0.00067	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
Bromobenzene	<0.0013		0.0050	0.0013	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
Bromoform	<0.0025		0.0050	0.0025	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
Bromomethane	<0.0025		0.0050	0.0025	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
Carbon disulfide	<0.0025		0.0050	0.0025	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
Carbon tetrachloride	<0.0017		0.0050	0.0017	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
Chlorobenzene	<0.00052		0.0050	0.00052	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
Chlorobromomethane	<0.0025		0.0050	0.0025	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
Chlorodibromomethane	<0.0025		0.0050	0.0025	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
Chloroethane	<0.0025		0.0050	0.0025	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
Chloroform	<0.0025		0.0050	0.0025	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
Chloromethane	<0.0010		0.0050	0.0010	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
cis-1,2-Dichloroethene	<0.00076		0.0050	0.00076	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
cis-1,3-Dichloropropene	<0.0012		0.0050	0.0012	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
Dibromomethane	<0.0025		0.0050	0.0025	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
Dichlorobromomethane	<0.0025		0.0050	0.0025	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
Dichlorodifluoromethane	<0.0013		0.0050	0.0013	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
Ethylbenzene	<0.00061		0.0050	0.00061	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
Ethylene Dibromide	<0.0010		0.0050	0.0010	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
Hexachlorobutadiene	<0.0025		0.0050	0.0025	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
Iodomethane	<0.0034		0.0050	0.0034	mg/Kg		03/21/20 13:16	03/21/20 15:05	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 400-483042/2-A
Matrix: Solid
Analysis Batch: 482994

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 483042

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl ether	<0.00055		0.0050	0.00055	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
Isopropylbenzene	<0.00068		0.0050	0.00068	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
Methyl tert-butyl ether	<0.0010		0.0050	0.0010	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
Methylene Chloride	<0.010		0.015	0.010	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
m-Xylene & p-Xylene	<0.0013		0.0050	0.0013	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
Naphthalene	<0.0020		0.0050	0.0020	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
n-Butylbenzene	<0.00096		0.0050	0.00096	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
N-Propylbenzene	<0.00090		0.0050	0.00090	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
o-Xylene	<0.0010		0.0050	0.0010	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
sec-Butylbenzene	<0.00095		0.0050	0.00095	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
Styrene	<0.0010		0.0050	0.0010	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
tert-Butylbenzene	<0.0025		0.0050	0.0025	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
Tetrachloroethene	<0.0025		0.0050	0.0025	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
Toluene	<0.0010		0.0050	0.0010	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
trans-1,2-Dichloroethene	<0.0025		0.0050	0.0025	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
trans-1,3-Dichloropropene	<0.0025		0.0050	0.0025	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
Trichloroethene	<0.0010		0.0050	0.0010	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
Trichlorofluoromethane	<0.0025		0.0050	0.0025	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
Vinyl acetate	<0.0091		0.025	0.0091	mg/Kg		03/21/20 13:16	03/21/20 15:05	1
Vinyl chloride	<0.0025		0.0050	0.0025	mg/Kg		03/21/20 13:16	03/21/20 15:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*67 - 130*	*03/21/20 13:16*	*03/21/20 15:05*	*1*
Dibromofluoromethane	*94*		*77 - 127*	*03/21/20 13:16*	*03/21/20 15:05*	*1*
Toluene-d8 (Surr)	*106*		*76 - 127*	*03/21/20 13:16*	*03/21/20 15:05*	*1*

Lab Sample ID: LCS 400-483042/1-A
Matrix: Solid
Analysis Batch: 482994

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 483042

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	0.0500	0.0451		mg/Kg		90	65 - 130
1,1,1-Trichloroethane	0.0500	0.0425		mg/Kg		85	63 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.0477		mg/Kg		95	60 - 131
1,1,2-Trichloroethane	0.0500	0.0420		mg/Kg		84	65 - 130
1,1-Dichloroethane	0.0500	0.0427		mg/Kg		85	59 - 130
1,1-Dichloroethene	0.0500	0.0453		mg/Kg		91	55 - 137
1,1-Dichloropropene	0.0500	0.0411		mg/Kg		82	65 - 130
1,2,3-Trichlorobenzene	0.0500	0.0508		mg/Kg		102	58 - 135
1,2,3-Trichloropropane	0.0500	0.0475		mg/Kg		95	60 - 130
1,2,4-Trichlorobenzene	0.0500	0.0526		mg/Kg		105	56 - 138
1,2,4-Trimethylbenzene	0.0500	0.0500		mg/Kg		100	66 - 130
1,2-Dibromo-3-Chloropropane	0.0500	0.0478		mg/Kg		96	49 - 130
1,2-Dichlorobenzene	0.0500	0.0500		mg/Kg		100	64 - 130
1,2-Dichloroethane	0.0500	0.0361		mg/Kg		72	62 - 130
1,2-Dichloropropane	0.0500	0.0414		mg/Kg		83	64 - 130
1,3,5-Trimethylbenzene	0.0500	0.0526		mg/Kg		105	67 - 130
1,3-Dichlorobenzene	0.0500	0.0511		mg/Kg		102	66 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 400-483042/1-A
Matrix: Solid
Analysis Batch: 482994

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 483042

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichloropropane	0.0500	0.0437		mg/Kg		87	67 - 130
1,4-Dichlorobenzene	0.0500	0.0519		mg/Kg		104	65 - 130
2,2-Dichloropropane	0.0500	0.0412		mg/Kg		82	51 - 132
2-Butanone (MEK)	0.200	0.148		mg/Kg		74	55 - 130
2-Chlorotoluene	0.0500	0.0516		mg/Kg		103	67 - 130
2-Hexanone	0.200	0.150		mg/Kg		75	57 - 131
4-Chlorotoluene	0.0500	0.0523		mg/Kg		105	66 - 130
4-Isopropyltoluene	0.0500	0.0532		mg/Kg		106	68 - 130
4-Methyl-2-pentanone (MIBK)	0.200	0.147		mg/Kg		73	58 - 130
Acetone	0.200	0.129		mg/Kg		65	48 - 160
Benzene	0.0500	0.0410		mg/Kg		82	65 - 130
Bromobenzene	0.0500	0.0509		mg/Kg		102	65 - 130
Bromoform	0.0500	0.0484		mg/Kg		97	52 - 136
Bromomethane	0.0500	0.0373		mg/Kg		75	12 - 160
Carbon disulfide	0.0500	0.0436		mg/Kg		87	46 - 141
Carbon tetrachloride	0.0500	0.0407		mg/Kg		81	60 - 130
Chlorobenzene	0.0500	0.0442		mg/Kg		88	70 - 130
Chlorobromomethane	0.0500	0.0445		mg/Kg		89	65 - 130
Chlorodibromomethane	0.0500	0.0446		mg/Kg		89	58 - 132
Chloroethane	0.0500	0.0389		mg/Kg		78	55 - 134
Chloroform	0.0500	0.0420		mg/Kg		84	62 - 130
Chloromethane	0.0500	0.0427		mg/Kg		85	49 - 136
cis-1,2-Dichloroethene	0.0500	0.0404		mg/Kg		81	53 - 135
cis-1,3-Dichloropropene	0.0500	0.0418		mg/Kg		84	61 - 130
Dibromomethane	0.0500	0.0398		mg/Kg		80	65 - 130
Dichlorobromomethane	0.0500	0.0421		mg/Kg		84	61 - 130
Dichlorodifluoromethane	0.0500	0.0438		mg/Kg		88	34 - 143
Ethylbenzene	0.0500	0.0437		mg/Kg		87	70 - 130
Ethylene Dibromide	0.0500	0.0439		mg/Kg		88	67 - 130
Hexachlorobutadiene	0.0500	0.0549		mg/Kg		110	62 - 133
Iodomethane	0.0500	0.0460		mg/Kg		92	12 - 160
Isopropyl ether	0.0500	0.0419		mg/Kg		84	62 - 130
Isopropylbenzene	0.0500	0.0443		mg/Kg		89	70 - 130
Methyl tert-butyl ether	0.0500	0.0398		mg/Kg		80	63 - 130
Methylene Chloride	0.0500	0.0387		mg/Kg		77	57 - 132
m-Xylene & p-Xylene	0.0500	0.0427		mg/Kg		85	70 - 130
Naphthalene	0.0500	0.0431		mg/Kg		86	45 - 144
n-Butylbenzene	0.0500	0.0547		mg/Kg		109	66 - 130
N-Propylbenzene	0.0500	0.0526		mg/Kg		105	67 - 130
o-Xylene	0.0500	0.0431		mg/Kg		86	70 - 130
sec-Butylbenzene	0.0500	0.0527		mg/Kg		105	67 - 130
Styrene	0.0500	0.0440		mg/Kg		88	68 - 130
tert-Butylbenzene	0.0500	0.0519		mg/Kg		104	67 - 130
Tetrachloroethene	0.0500	0.0425		mg/Kg		85	67 - 130
Toluene	0.0500	0.0405		mg/Kg		81	70 - 130
trans-1,2-Dichloroethene	0.0500	0.0439		mg/Kg		88	58 - 134
trans-1,3-Dichloropropene	0.0500	0.0435		mg/Kg		87	60 - 130
Trichloroethene	0.0500	0.0419		mg/Kg		84	65 - 130
Trichlorofluoromethane	0.0500	0.0406		mg/Kg		81	61 - 136

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 400-483042/1-A
Matrix: Solid
Analysis Batch: 482994

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 483042

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Vinyl acetate			0.100	0.0876		mg/Kg		88	24 - 160		
Vinyl chloride			0.0500	0.0504		mg/Kg		101	52 - 132		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*67 - 130*
Dibromofluoromethane	*94*		*77 - 127*
Toluene-d8 (Surr)	*107*		*76 - 127*

Lab Sample ID: 400-185542-B-1-E MS
Matrix: Solid
Analysis Batch: 482994

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 483042

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1,1,2-Tetrachloroethane	<0.0029		0.0640	0.0523		mg/Kg	☼	82	37 - 130		
1,1,1-Trichloroethane	<0.0013		0.0640	0.0540		mg/Kg	☼	84	41 - 130		
1,1,2,2-Tetrachloroethane	<0.0029		0.0640	0.0597		mg/Kg	☼	93	10 - 149		
1,1,2-Trichloroethane	<0.0029		0.0640	0.0521		mg/Kg	☼	82	37 - 130		
1,1-Dichloroethane	<0.00097		0.0640	0.0554		mg/Kg	☼	87	41 - 130		
1,1-Dichloroethene	<0.0029		0.0640	0.0558		mg/Kg	☼	87	39 - 138		
1,1-Dichloropropene	<0.0029		0.0640	0.0530		mg/Kg	☼	83	38 - 136		
1,2,3-Trichlorobenzene	<0.0029		0.0640	0.0448		mg/Kg	☼	70	10 - 146		
1,2,3-Trichloropropane	<0.0035		0.0640	0.0577		mg/Kg	☼	90	29 - 133		
1,2,4-Trichlorobenzene	<0.0023		0.0640	0.0551		mg/Kg	☼	86	10 - 141		
1,2,4-Trimethylbenzene	<0.0012		0.0640	0.0582		mg/Kg	☼	91	26 - 131		
1,2-Dibromo-3-Chloropropane	<0.0039		0.0640	0.0548		mg/Kg	☼	86	14 - 132		
1,2-Dichlorobenzene	<0.00083		0.0640	0.0549		mg/Kg	☼	86	20 - 130		
1,2-Dichloroethane	<0.00096		0.0640	0.0462		mg/Kg	☼	72	37 - 130		
1,2-Dichloropropane	<0.0029		0.0640	0.0482		mg/Kg	☼	75	39 - 130		
1,3,5-Trimethylbenzene	<0.00097		0.0640	0.0592		mg/Kg	☼	93	28 - 131		
1,3-Dichlorobenzene	<0.0011		0.0640	0.0563		mg/Kg	☼	88	22 - 130		
1,3-Dichloropropane	<0.0012		0.0640	0.0529		mg/Kg	☼	83	39 - 130		
1,4-Dichlorobenzene	<0.0029		0.0640	0.0555		mg/Kg	☼	87	21 - 130		
2,2-Dichloropropane	<0.0029		0.0640	0.0526		mg/Kg	☼	82	32 - 134		
2-Butanone (MEK)	<0.0070		0.256	0.174		mg/Kg	☼	68	19 - 139		
2-Chlorotoluene	<0.0029		0.0640	0.0605		mg/Kg	☼	95	31 - 130		
2-Hexanone	<0.0058		0.256	0.173		mg/Kg	☼	68	20 - 142		
4-Chlorotoluene	<0.0011		0.0640	0.0593		mg/Kg	☼	93	28 - 130		
4-Isopropyltoluene	<0.0012		0.0640	0.0577		mg/Kg	☼	90	20 - 137		
4-Methyl-2-pentanone (MIBK)	<0.0058		0.256	0.164		mg/Kg	☼	64	21 - 144		
Acetone	<0.015		0.256	0.162		mg/Kg	☼	63	10 - 150		
Benzene	<0.00078		0.0640	0.0499		mg/Kg	☼	78	38 - 131		
Bromobenzene	<0.0015		0.0640	0.0580		mg/Kg	☼	91	28 - 134		
Bromoform	<0.0029		0.0640	0.0581		mg/Kg	☼	91	24 - 136		
Bromomethane	<0.0029		0.0640	0.0503		mg/Kg	☼	79	10 - 150		
Carbon disulfide	<0.0029		0.0640	0.0541		mg/Kg	☼	85	29 - 141		
Carbon tetrachloride	<0.0020		0.0640	0.0502		mg/Kg	☼	78	36 - 134		
Chlorobenzene	<0.00061		0.0640	0.0530		mg/Kg	☼	83	37 - 130		
Chlorobromomethane	<0.0029		0.0640	0.0506		mg/Kg	☼	79	37 - 134		

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-185542-B-1-E MS
Matrix: Solid
Analysis Batch: 482994

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 483042

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorodibromomethane	<0.0029		0.0640	0.0522		mg/Kg	☼	82	32 - 132
Chloroethane	<0.0029		0.0640	0.0522		mg/Kg	☼	82	36 - 139
Chloroform	<0.0029		0.0640	0.0516		mg/Kg	☼	81	39 - 130
Chloromethane	<0.0012		0.0640	0.0407		mg/Kg	☼	64	35 - 136
cis-1,2-Dichloroethene	<0.00089		0.0640	0.0454		mg/Kg	☼	71	32 - 135
cis-1,3-Dichloropropene	<0.0014		0.0640	0.0491		mg/Kg	☼	77	34 - 130
Dibromomethane	<0.0029		0.0640	0.0480		mg/Kg	☼	75	35 - 130
Dichlorobromomethane	<0.0029		0.0640	0.0494		mg/Kg	☼	77	37 - 130
Dichlorodifluoromethane	<0.0015		0.0640	0.0428		mg/Kg	☼	67	21 - 146
Ethylbenzene	<0.00071		0.0640	0.0529		mg/Kg	☼	83	35 - 130
Ethylene Dibromide	<0.0012		0.0640	0.0529		mg/Kg	☼	83	35 - 130
Hexachlorobutadiene	<0.0029		0.0640	0.0472		mg/Kg	☼	74	10 - 144
Iodomethane	<0.0040		0.0640	0.0523		mg/Kg	☼	82	10 - 150
Isopropyl ether	<0.00064		0.0640	0.0481		mg/Kg	☼	75	43 - 130
Isopropylbenzene	<0.00079		0.0640	0.0531		mg/Kg	☼	83	31 - 132
Methyl tert-butyl ether	<0.0012		0.0640	0.0468		mg/Kg	☼	73	34 - 132
Methylene Chloride	<0.012		0.0640	0.0516		mg/Kg	☼	81	36 - 132
m-Xylene & p-Xylene	<0.0015		0.0640	0.0515		mg/Kg	☼	81	35 - 130
Naphthalene	<0.0023		0.0640	0.0566		mg/Kg	☼	88	10 - 150
n-Butylbenzene	<0.0011		0.0640	0.0601		mg/Kg	☼	94	20 - 133
N-Propylbenzene	<0.0011		0.0640	0.0594		mg/Kg	☼	93	29 - 132
o-Xylene	<0.0012		0.0640	0.0509		mg/Kg	☼	80	35 - 130
sec-Butylbenzene	<0.0011		0.0640	0.0601		mg/Kg	☼	94	22 - 135
Styrene	<0.0012		0.0640	0.0514		mg/Kg	☼	80	31 - 130
tert-Butylbenzene	<0.0029		0.0640	0.0568		mg/Kg	☼	89	26 - 133
Tetrachloroethene	<0.0029		0.0640	0.0524		mg/Kg	☼	82	27 - 147
Toluene	<0.0012		0.0640	0.0509		mg/Kg	☼	80	42 - 130
trans-1,2-Dichloroethene	<0.0029		0.0640	0.0570		mg/Kg	☼	89	40 - 134
trans-1,3-Dichloropropene	<0.0029		0.0640	0.0518		mg/Kg	☼	81	31 - 130
Trichloroethene	<0.0012		0.0640	0.0492		mg/Kg	☼	77	34 - 144
Trichlorofluoromethane	<0.0029		0.0640	0.0548		mg/Kg	☼	86	41 - 143
Vinyl acetate	<0.011		0.128	0.0412		mg/Kg	☼	32	10 - 150
Vinyl chloride	<0.0029		0.0640	0.0487		mg/Kg	☼	76	35 - 136

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*111*		*67 - 130*
Dibromofluoromethane	*95*		*77 - 127*
Toluene-d8 (Surr)	*112*		*76 - 127*

Lab Sample ID: 400-185542-B-1-F MSD
Matrix: Solid
Analysis Batch: 482994

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 483042

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<0.0029		0.0638	0.0522		mg/Kg	☼	82	37 - 130	0	34
1,1,1-Trichloroethane	<0.0013		0.0638	0.0531		mg/Kg	☼	83	41 - 130	2	40
1,1,2,2-Tetrachloroethane	<0.0029		0.0638	0.0549		mg/Kg	☼	86	10 - 149	8	44
1,1,2-Trichloroethane	<0.0029		0.0638	0.0489		mg/Kg	☼	77	37 - 130	6	33

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-185542-B-1-F MSD
Matrix: Solid
Analysis Batch: 482994

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 483042

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	<0.00097		0.0638	0.0533		mg/Kg	☼	83	41 - 130	4	35
1,1-Dichloroethene	<0.0029		0.0638	0.0523		mg/Kg	☼	82	39 - 138	6	37
1,1-Dichloropropene	<0.0029		0.0638	0.0502		mg/Kg	☼	79	38 - 136	5	43
1,2,3-Trichlorobenzene	<0.0029		0.0638	0.0576		mg/Kg	☼	90	10 - 146	25	47
1,2,3-Trichloropropane	<0.0035		0.0638	0.0548		mg/Kg	☼	86	29 - 133	5	33
1,2,4-Trichlorobenzene	<0.0023		0.0638	0.0574		mg/Kg	☼	90	10 - 141	4	53
1,2,4-Trimethylbenzene	<0.0012		0.0638	0.0541		mg/Kg	☼	85	26 - 131	7	48
1,2-Dibromo-3-Chloropropane	<0.0039		0.0638	0.0544		mg/Kg	☼	85	14 - 132	1	38
1,2-Dichlorobenzene	<0.00083		0.0638	0.0547		mg/Kg	☼	86	20 - 130	0	40
1,2-Dichloroethane	<0.00096		0.0638	0.0471		mg/Kg	☼	74	37 - 130	2	32
1,2-Dichloropropane	<0.0029		0.0638	0.0490		mg/Kg	☼	77	39 - 130	2	35
1,3,5-Trimethylbenzene	<0.00097		0.0638	0.0559		mg/Kg	☼	88	28 - 131	6	46
1,3-Dichlorobenzene	<0.0011		0.0638	0.0530		mg/Kg	☼	83	22 - 130	6	41
1,3-Dichloropropane	<0.0012		0.0638	0.0514		mg/Kg	☼	81	39 - 130	3	32
1,4-Dichlorobenzene	<0.0029		0.0638	0.0536		mg/Kg	☼	84	21 - 130	3	40
2,2-Dichloropropane	<0.0029		0.0638	0.0490		mg/Kg	☼	77	32 - 134	7	41
2-Butanone (MEK)	<0.0070		0.255	0.174		mg/Kg	☼	68	19 - 139	0	41
2-Chlorotoluene	<0.0029		0.0638	0.0553		mg/Kg	☼	87	31 - 130	9	45
2-Hexanone	<0.0058		0.255	0.181		mg/Kg	☼	71	20 - 142	4	37
4-Chlorotoluene	<0.0011		0.0638	0.0561		mg/Kg	☼	88	28 - 130	6	42
4-Isopropyltoluene	<0.0012		0.0638	0.0546		mg/Kg	☼	86	20 - 137	6	53
4-Methyl-2-pentanone (MIBK)	<0.0058		0.255	0.176		mg/Kg	☼	69	21 - 144	7	39
Acetone	<0.015		0.255	0.160		mg/Kg	☼	63	10 - 150	1	38
Benzene	<0.00078		0.0638	0.0488		mg/Kg	☼	76	38 - 131	2	36
Bromobenzene	<0.0015		0.0638	0.0555		mg/Kg	☼	87	28 - 134	4	37
Bromoform	<0.0029		0.0638	0.0564		mg/Kg	☼	88	24 - 136	3	34
Bromomethane	<0.0029		0.0638	0.0406		mg/Kg	☼	64	10 - 150	21	47
Carbon disulfide	<0.0029		0.0638	0.0527		mg/Kg	☼	83	29 - 141	3	39
Carbon tetrachloride	<0.0020		0.0638	0.0501		mg/Kg	☼	78	36 - 134	0	44
Chlorobenzene	<0.00061		0.0638	0.0509		mg/Kg	☼	80	37 - 130	4	37
Chlorobromomethane	<0.0029		0.0638	0.0533		mg/Kg	☼	84	37 - 134	5	38
Chlorodibromomethane	<0.0029		0.0638	0.0515		mg/Kg	☼	81	32 - 132	1	34
Chloroethane	<0.0029		0.0638	0.0408		mg/Kg	☼	64	36 - 139	25	42
Chloroform	<0.0029		0.0638	0.0489		mg/Kg	☼	77	39 - 130	6	35
Chloromethane	<0.0012		0.0638	0.0477		mg/Kg	☼	75	35 - 136	16	41
cis-1,2-Dichloroethene	<0.00089		0.0638	0.0454		mg/Kg	☼	71	32 - 135	0	35
cis-1,3-Dichloropropene	<0.0014		0.0638	0.0494		mg/Kg	☼	77	34 - 130	1	35
Dibromomethane	<0.0029		0.0638	0.0498		mg/Kg	☼	78	35 - 130	4	34
Dichlorobromomethane	<0.0029		0.0638	0.0492		mg/Kg	☼	77	37 - 130	1	34
Dichlorodifluoromethane	<0.0015		0.0638	0.0528		mg/Kg	☼	83	21 - 146	21	46
Ethylbenzene	<0.00071		0.0638	0.0502		mg/Kg	☼	79	35 - 130	5	46
Ethylene Dibromide	<0.0012		0.0638	0.0531		mg/Kg	☼	83	35 - 130	0	31
Hexachlorobutadiene	<0.0029		0.0638	0.0458		mg/Kg	☼	72	10 - 144	3	68
Iodomethane	<0.0040		0.0638	0.0520		mg/Kg	☼	82	10 - 150	0	52
Isopropyl ether	<0.00064		0.0638	0.0488		mg/Kg	☼	77	43 - 130	2	33
Isopropylbenzene	<0.00079		0.0638	0.0508		mg/Kg	☼	80	31 - 132	4	51
Methyl tert-butyl ether	<0.0012		0.0638	0.0484		mg/Kg	☼	76	34 - 132	3	31
Methylene Chloride	<0.012		0.0638	0.0499		mg/Kg	☼	78	36 - 132	3	38
m-Xylene & p-Xylene	<0.0015		0.0638	0.0501		mg/Kg	☼	78	35 - 130	3	42

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-185542-B-1-F MSD
Matrix: Solid
Analysis Batch: 482994

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 483042

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene	<0.0023		0.0638	0.0620		mg/Kg	☼	97	10 - 150	9	49
n-Butylbenzene	<0.0011		0.0638	0.0540		mg/Kg	☼	85	20 - 133	11	50
N-Propylbenzene	<0.0011		0.0638	0.0554		mg/Kg	☼	87	29 - 132	7	42
o-Xylene	<0.0012		0.0638	0.0492		mg/Kg	☼	77	35 - 130	3	37
sec-Butylbenzene	<0.0011		0.0638	0.0549		mg/Kg	☼	86	22 - 135	9	52
Styrene	<0.0012		0.0638	0.0493		mg/Kg	☼	77	31 - 130	4	39
tert-Butylbenzene	<0.0029		0.0638	0.0613		mg/Kg	☼	96	26 - 133	8	47
Tetrachloroethene	<0.0029		0.0638	0.0532		mg/Kg	☼	83	27 - 147	1	44
Toluene	<0.0012		0.0638	0.0471		mg/Kg	☼	74	42 - 130	8	37
trans-1,2-Dichloroethene	<0.0029		0.0638	0.0536		mg/Kg	☼	84	40 - 134	6	38
trans-1,3-Dichloropropene	<0.0029		0.0638	0.0497		mg/Kg	☼	78	31 - 130	4	34
Trichloroethene	<0.0012		0.0638	0.0512		mg/Kg	☼	80	34 - 144	4	42
Trichlorofluoromethane	<0.0029		0.0638	0.0450		mg/Kg	☼	70	41 - 143	20	42
Vinyl acetate	<0.011		0.128	0.0258	J	mg/Kg	☼	20	10 - 150	46	60
Vinyl chloride	<0.0029		0.0638	0.0594		mg/Kg	☼	93	35 - 136	20	43

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*67 - 130*
Dibromofluoromethane	*91*		*77 - 127*
Toluene-d8 (Surr)	*107*		*76 - 127*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 400-482410/1-A
Matrix: Solid
Analysis Batch: 482540

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 482410

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
1,2,4,5-Tetrachlorobenzene	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
1,2,4-Trichlorobenzene	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
1,2-Dichlorobenzene	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
1,3-Dichlorobenzene	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
1,3-Dinitrobenzene	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
1,4-Dichlorobenzene	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
1,4-Dioxane	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
1-Methylnaphthalene	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
2,2'-oxybis(1-chloropropane)	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
2,3,4,6-Tetrachlorophenol	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
2,4,5-Trichlorophenol	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
2,4,6-Trichlorophenol	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
2,4-Dichlorophenol	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
2,4-Dimethylphenol	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
2,4-Dinitrophenol	<0.29		0.99	0.29	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
2,4-Dinitrotoluene	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
2,6-Dinitrotoluene	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
2-Chloronaphthalene	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
2-Chlorophenol	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
2-Methylnaphthalene	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 400-482410/1-A
Matrix: Solid
Analysis Batch: 482540

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 482410

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
2-Nitroaniline	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
2-Nitrophenol	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
3 & 4 Methylphenol	<0.033		0.66	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
3,3'-Dichlorobenzidine	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
3-Nitroaniline	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
4,6-Dinitro-2-methylphenol	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
4-Bromophenyl phenyl ether	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
4-Chloro-3-methylphenol	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
4-Chloroaniline	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
4-Chlorophenyl phenyl ether	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
4-Nitroaniline	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
4-Nitrophenol	<0.11		0.33	0.11	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Acenaphthene	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Acenaphthylene	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Acetophenone	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Aniline	<0.043		0.33	0.043	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Anthracene	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Atrazine	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Azobenzene	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Benzaldehyde	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Benzidine	<0.099		0.99	0.099	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Benzo[a]anthracene	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Benzo[a]pyrene	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Benzo[b]fluoranthene	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Benzo[g,h,i]perylene	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Benzo[k]fluoranthene	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Benzoic acid	<0.35		0.99	0.35	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Benzyl alcohol	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Bis(2-chloroethoxy)methane	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Bis(2-chloroethyl)ether	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Bis(2-ethylhexyl) phthalate	0.0377	J	0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Butyl benzyl phthalate	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Caprolactam	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Carbazole	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Chrysene	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Dibenz(a,h)anthracene	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Dibenzofuran	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Diethyl phthalate	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Dimethyl phthalate	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Di-n-butyl phthalate	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Di-n-octyl phthalate	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Fluoranthene	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Fluorene	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Hexachlorobenzene	<0.10		0.33	0.10	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Hexachlorobutadiene	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Hexachlorocyclopentadiene	<0.066		0.33	0.066	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Hexachloroethane	<0.10		0.33	0.10	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Hexadecane	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 400-482410/1-A
Matrix: Solid
Analysis Batch: 482540

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 482410

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Isophorone	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Naphthalene	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
n-Decane	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Nitrobenzene	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
N-Nitrosodimethylamine	<0.066		0.33	0.066	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
N-Nitrosodi-n-propylamine	<0.11		0.33	0.11	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
N-Nitrosodiphenylamine	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
n-Octadecane	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Pentachlorophenol	<0.066		0.66	0.066	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Phenanthrene	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Phenol	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Pyrene	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Pyridine	<0.15		0.33	0.15	mg/Kg		03/18/20 07:16	03/18/20 18:01	1
Sulfolane	<0.033		0.33	0.033	mg/Kg		03/18/20 07:16	03/18/20 18:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*10 - 150*	*03/18/20 07:16*	*03/18/20 18:01*	*1*
2-Fluorobiphenyl	*59*		*27 - 127*	*03/18/20 07:16*	*03/18/20 18:01*	*1*
2-Fluorophenol (Surr)	*57*		*25 - 128*	*03/18/20 07:16*	*03/18/20 18:01*	*1*
Nitrobenzene-d5 (Surr)	*58*		*15 - 136*	*03/18/20 07:16*	*03/18/20 18:01*	*1*
Phenol-d5 (Surr)	*59*		*29 - 130*	*03/18/20 07:16*	*03/18/20 18:01*	*1*
Terphenyl-d14 (Surr)	*71*		*24 - 146*	*03/18/20 07:16*	*03/18/20 18:01*	*1*

Lab Sample ID: LCS 400-482410/2-A
Matrix: Solid
Analysis Batch: 482540

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 482410

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1'-Biphenyl	2.00	1.37		mg/Kg		69	56 - 120
1,2,4,5-Tetrachlorobenzene	2.00	1.45		mg/Kg		72	49 - 120
1,2,4-Trichlorobenzene	2.00	1.27		mg/Kg		63	48 - 120
1,2-Dichlorobenzene	2.00	1.19		mg/Kg		59	49 - 120
1,3-Dichlorobenzene	2.00	1.16		mg/Kg		58	48 - 120
1,3-Dinitrobenzene	2.00	1.65		mg/Kg		83	56 - 131
1,4-Dichlorobenzene	2.00	1.17		mg/Kg		59	49 - 120
1,4-Dioxane	2.00	0.726		mg/Kg		36	25 - 120
1-Methylnaphthalene	2.00	1.25		mg/Kg		63	40 - 120
2,2'-oxybis(1-chloropropane)	2.00	1.29		mg/Kg		64	34 - 120
2,3,4,6-Tetrachlorophenol	2.00	1.71		mg/Kg		85	50 - 143
2,4,5-Trichlorophenol	2.00	1.67		mg/Kg		84	53 - 133
2,4,6-Trichlorophenol	2.00	1.56		mg/Kg		78	51 - 125
2,4-Dichlorophenol	2.00	1.37		mg/Kg		68	56 - 120
2,4-Dimethylphenol	2.00	1.55		mg/Kg		78	54 - 120
2,4-Dinitrophenol	4.00	3.25		mg/Kg		81	10 - 138
2,4-Dinitrotoluene	2.00	1.45		mg/Kg		72	59 - 133
2,6-Dinitrotoluene	2.00	1.49		mg/Kg		74	57 - 123
2-Chloronaphthalene	2.00	1.34		mg/Kg		67	55 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 400-482410/2-A
Matrix: Solid
Analysis Batch: 482540

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 482410

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorophenol	2.00	1.29		mg/Kg		64	52 - 120
2-Methylnaphthalene	2.00	1.27		mg/Kg		64	40 - 120
2-Methylphenol	2.00	1.40		mg/Kg		70	51 - 123
2-Nitroaniline	2.00	1.53		mg/Kg		76	55 - 129
2-Nitrophenol	2.00	1.50		mg/Kg		75	53 - 120
3 & 4 Methylphenol	2.00	1.31		mg/Kg		66	47 - 123
3,3'-Dichlorobenzidine	2.67	1.69		mg/Kg		64	42 - 120
3-Nitroaniline	2.00	1.37		mg/Kg		69	45 - 120
4,6-Dinitro-2-methylphenol	4.00	3.19		mg/Kg		80	35 - 135
4-Bromophenyl phenyl ether	2.00	1.60		mg/Kg		80	51 - 120
4-Chloro-3-methylphenol	2.00	1.53		mg/Kg		77	57 - 124
4-Chloroaniline	2.00	1.08		mg/Kg		54	34 - 120
4-Chlorophenyl phenyl ether	2.00	1.49		mg/Kg		74	56 - 120
4-Nitroaniline	2.00	1.41		mg/Kg		71	52 - 126
4-Nitrophenol	4.00	3.31		mg/Kg		83	38 - 133
Acenaphthene	2.00	1.34		mg/Kg		67	50 - 120
Acenaphthylene	2.00	1.36		mg/Kg		68	50 - 120
Acetophenone	2.00	1.29		mg/Kg		64	52 - 120
Aniline	2.00	0.934		mg/Kg		47	36 - 120
Anthracene	2.00	1.51		mg/Kg		75	52 - 120
Atrazine	2.00	1.18		mg/Kg		59	44 - 120
Azobenzene	2.00	1.47		mg/Kg		74	50 - 120
Benzaldehyde	2.00	0.750		mg/Kg		37	20 - 120
Benzidine	9.06	3.23		mg/Kg		36	10 - 120
Benzo[a]anthracene	2.00	1.46		mg/Kg		73	55 - 120
Benzo[a]pyrene	2.00	1.45		mg/Kg		73	54 - 120
Benzo[b]fluoranthene	2.00	1.52		mg/Kg		76	55 - 120
Benzo[g,h,i]perylene	2.00	1.25		mg/Kg		63	45 - 120
Benzo[k]fluoranthene	2.00	1.70		mg/Kg		85	52 - 120
Benzoic acid	7.76	4.96		mg/Kg		64	10 - 139
Benzyl alcohol	2.00	1.06		mg/Kg		53	10 - 127
Bis(2-chloroethoxy)methane	2.00	1.30		mg/Kg		65	52 - 120
Bis(2-chloroethyl)ether	2.00	1.76		mg/Kg		88	50 - 120
Bis(2-ethylhexyl) phthalate	2.00	1.55		mg/Kg		78	58 - 158
Butyl benzyl phthalate	2.00	1.45		mg/Kg		73	58 - 126
Caprolactam	2.00	1.36		mg/Kg		68	53 - 127
Carbazole	2.00	1.47		mg/Kg		73	61 - 132
Chrysene	2.00	1.51		mg/Kg		76	54 - 120
Dibenz(a,h)anthracene	2.00	1.35		mg/Kg		68	49 - 120
Dibenzofuran	2.00	1.32		mg/Kg		66	58 - 120
Diethyl phthalate	2.00	1.44		mg/Kg		72	56 - 128
Dimethyl phthalate	2.00	1.38		mg/Kg		69	58 - 120
Di-n-butyl phthalate	2.00	1.68		mg/Kg		84	64 - 122
Di-n-octyl phthalate	2.00	1.54		mg/Kg		77	57 - 137
Fluoranthene	2.00	1.59		mg/Kg		80	49 - 120
Fluorene	2.00	1.41		mg/Kg		71	47 - 120
Hexachlorobenzene	2.00	1.52		mg/Kg		76	49 - 127
Hexachlorobutadiene	2.00	1.45		mg/Kg		73	43 - 120
Hexachlorocyclopentadiene	2.00	1.60		mg/Kg		80	10 - 140

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 400-482410/2-A
Matrix: Solid
Analysis Batch: 482540

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 482410

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Hexachloroethane	2.00	1.25		mg/Kg		62	45 - 120
Hexadecane	2.00	1.49		mg/Kg		75	37 - 120
Indeno[1,2,3-cd]pyrene	2.00	1.32		mg/Kg		66	47 - 120
Isophorone	2.00	1.31		mg/Kg		65	50 - 120
Naphthalene	2.00	1.25		mg/Kg		63	41 - 120
n-Decane	2.00	1.08		mg/Kg		54	26 - 120
Nitrobenzene	2.00	1.24		mg/Kg		62	50 - 120
N-Nitrosodimethylamine	2.00	1.21		mg/Kg		61	35 - 120
N-Nitrosodi-n-propylamine	2.00	1.40		mg/Kg		70	48 - 120
N-Nitrosodiphenylamine	1.98	1.48		mg/Kg		75	54 - 120
n-Octadecane	2.00	1.59		mg/Kg		79	31 - 138
Pentachlorophenol	4.00	3.50		mg/Kg		87	32 - 131
Phenanthrene	2.00	1.49		mg/Kg		74	50 - 120
Phenol	2.00	1.42		mg/Kg		71	51 - 120
Pyrene	2.00	1.44		mg/Kg		72	54 - 120
Pyridine	4.00	1.90		mg/Kg		47	29 - 120
Sulfolane	1.99	1.36		mg/Kg		69	38 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*72*		*10 - 150*
2-Fluorobiphenyl	*65*		*27 - 127*
2-Fluorophenol (Surr)	*61*		*25 - 128*
Nitrobenzene-d5 (Surr)	*74*		*15 - 136*
Phenol-d5 (Surr)	*65*		*29 - 130*
Terphenyl-d14 (Surr)	*76*		*24 - 146*

Lab Sample ID: 400-185304-C-18-C MS
Matrix: Solid
Analysis Batch: 482540

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 482410

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1'-Biphenyl	<0.035		2.09	1.33		mg/Kg	☼	64	40 - 140
1,2,4,5-Tetrachlorobenzene	<0.035		2.09	1.42		mg/Kg	☼	68	40 - 140
1,2,4-Trichlorobenzene	<0.035		2.09	1.32		mg/Kg	☼	63	40 - 140
1,2-Dichlorobenzene	<0.035		2.09	1.29		mg/Kg	☼	62	40 - 140
1,3-Dichlorobenzene	<0.035		2.09	1.23		mg/Kg	☼	59	40 - 140
1,3-Dinitrobenzene	<0.035		2.09	1.59		mg/Kg	☼	76	40 - 140
1,4-Dichlorobenzene	<0.035		2.09	1.29		mg/Kg	☼	62	40 - 140
1,4-Dioxane	<0.035	F1	2.09	0.709	F1	mg/Kg	☼	34	40 - 140
1-Methylnaphthalene	<0.035		2.09	1.34		mg/Kg	☼	64	40 - 140
2,2'-oxybis(1-chloropropane)	<0.035		2.09	1.40		mg/Kg	☼	67	40 - 140
2,3,4,6-Tetrachlorophenol	<0.035		2.09	1.70		mg/Kg	☼	81	40 - 140
2,4,5-Trichlorophenol	<0.035		2.09	1.64		mg/Kg	☼	78	40 - 140
2,4,6-Trichlorophenol	<0.035		2.09	1.52		mg/Kg	☼	73	40 - 140
2,4-Dichlorophenol	<0.035		2.09	1.39		mg/Kg	☼	67	40 - 140
2,4-Dimethylphenol	<0.035		2.09	1.52		mg/Kg	☼	73	40 - 140
2,4-Dinitrophenol	<0.31		4.18	2.12		mg/Kg	☼	51	40 - 140
2,4-Dinitrotoluene	<0.035		2.09	1.53		mg/Kg	☼	73	40 - 140

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-185304-C-18-C MS
Matrix: Solid
Analysis Batch: 482540

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 482410

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,6-Dinitrotoluene	<0.035		2.09	1.46		mg/Kg	☼	70	40 - 140
2-Chloronaphthalene	<0.035		2.09	1.35		mg/Kg	☼	64	40 - 140
2-Chlorophenol	<0.035		2.09	1.35		mg/Kg	☼	65	40 - 140
2-Methylnaphthalene	<0.035		2.09	1.36		mg/Kg	☼	65	40 - 140
2-Methylphenol	<0.035		2.09	1.59		mg/Kg	☼	76	40 - 140
2-Nitroaniline	<0.035		2.09	1.49		mg/Kg	☼	71	40 - 140
2-Nitrophenol	<0.035		2.09	1.54		mg/Kg	☼	74	40 - 140
3 & 4 Methylphenol	<0.035		2.09	1.42		mg/Kg	☼	68	40 - 140
3,3'-Dichlorobenzidine	<0.035		2.78	1.37		mg/Kg	☼	49	40 - 140
3-Nitroaniline	<0.035		2.09	1.27		mg/Kg	☼	61	40 - 140
4,6-Dinitro-2-methylphenol	<0.035		4.18	2.62		mg/Kg	☼	63	40 - 140
4-Bromophenyl phenyl ether	<0.035		2.09	1.58		mg/Kg	☼	76	40 - 140
4-Chloro-3-methylphenol	<0.035		2.09	1.45		mg/Kg	☼	69	40 - 140
4-Chloroaniline	<0.035		2.09	0.996		mg/Kg	☼	48	40 - 140
4-Chlorophenyl phenyl ether	<0.035		2.09	1.46		mg/Kg	☼	70	40 - 140
4-Nitroaniline	<0.035		2.09	1.39		mg/Kg	☼	67	40 - 140
4-Nitrophenol	<0.12		4.18	3.16		mg/Kg	☼	76	40 - 140
Acenaphthene	<0.035		2.09	1.35		mg/Kg	☼	65	40 - 140
Acenaphthylene	<0.035		2.09	1.38		mg/Kg	☼	66	40 - 140
Acetophenone	<0.035		2.09	1.33		mg/Kg	☼	64	40 - 140
Aniline	<0.045	F1	2.09	0.666	F1	mg/Kg	☼	32	40 - 140
Anthracene	<0.035		2.09	1.51		mg/Kg	☼	72	40 - 140
Atrazine	<0.035		2.09	1.00		mg/Kg	☼	48	40 - 140
Azobenzene	<0.035		2.09	1.50		mg/Kg	☼	72	40 - 140
Benzaldehyde	<0.035		2.09	0.948		mg/Kg	☼	45	40 - 140
Benzidine	<0.10	F1	9.46	0.522	J F1	mg/Kg	☼	6	40 - 140
Benzo[a]anthracene	<0.035		2.09	1.52		mg/Kg	☼	73	40 - 140
Benzo[a]pyrene	<0.035		2.09	1.49		mg/Kg	☼	71	40 - 140
Benzo[b]fluoranthene	<0.035		2.09	1.72		mg/Kg	☼	83	40 - 140
Benzo[g,h,i]perylene	<0.035		2.09	1.20		mg/Kg	☼	58	40 - 140
Benzo[k]fluoranthene	<0.035		2.09	1.69		mg/Kg	☼	81	40 - 140
Benzoic acid	<0.37	F1	8.10	2.27	F1	mg/Kg	☼	28	40 - 140
Benzyl alcohol	<0.035		2.09	0.964		mg/Kg	☼	46	40 - 140
Bis(2-chloroethoxy)methane	<0.035		2.09	1.31		mg/Kg	☼	63	40 - 140
Bis(2-chloroethyl)ether	<0.035		2.09	1.62		mg/Kg	☼	77	40 - 140
Bis(2-ethylhexyl) phthalate	0.052	J B	2.09	1.62		mg/Kg	☼	75	40 - 140
Butyl benzyl phthalate	<0.035		2.09	1.51		mg/Kg	☼	72	40 - 140
Caprolactam	<0.035	F1	2.09	0.573	F1	mg/Kg	☼	27	40 - 140
Carbazole	<0.035		2.09	1.51		mg/Kg	☼	72	40 - 140
Chrysene	<0.035		2.09	1.52		mg/Kg	☼	73	40 - 140
Dibenz(a,h)anthracene	<0.035		2.09	1.33		mg/Kg	☼	64	40 - 140
Dibenzofuran	<0.035		2.09	1.34		mg/Kg	☼	64	40 - 140
Diethyl phthalate	<0.035		2.09	1.48		mg/Kg	☼	71	40 - 140
Dimethyl phthalate	<0.035		2.09	1.36		mg/Kg	☼	65	40 - 140
Di-n-butyl phthalate	<0.035		2.09	1.68		mg/Kg	☼	80	40 - 140
Di-n-octyl phthalate	<0.035		2.09	1.55		mg/Kg	☼	74	40 - 140
Fluoranthene	<0.035		2.09	1.58		mg/Kg	☼	76	40 - 140
Fluorene	<0.035		2.09	1.43		mg/Kg	☼	68	40 - 140
Hexachlorobenzene	<0.11		2.09	1.53		mg/Kg	☼	73	40 - 140

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-185304-C-18-C MS
Matrix: Solid
Analysis Batch: 482540

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 482410

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Hexachlorobutadiene	<0.035		2.09	1.50		mg/Kg	☼	72	40 - 140
Hexachlorocyclopentadiene	<0.069	F1 F2	2.09	0.832		mg/Kg	☼	40	40 - 140
Hexachloroethane	<0.11		2.09	1.25		mg/Kg	☼	60	40 - 140
Hexadecane	<0.035		2.09	1.57		mg/Kg	☼	75	40 - 140
Indeno[1,2,3-cd]pyrene	<0.035		2.09	1.28		mg/Kg	☼	61	40 - 140
Isophorone	<0.035		2.09	1.34		mg/Kg	☼	64	40 - 140
Naphthalene	<0.035		2.09	1.29		mg/Kg	☼	62	40 - 140
n-Decane	<0.035		2.09	1.17		mg/Kg	☼	56	40 - 140
Nitrobenzene	<0.035		2.09	1.27		mg/Kg	☼	61	40 - 140
N-Nitrosodimethylamine	<0.069		2.09	1.20		mg/Kg	☼	57	40 - 140
N-Nitrosodi-n-propylamine	<0.12		2.09	1.51		mg/Kg	☼	72	40 - 140
N-Nitrosodiphenylamine	<0.035		2.07	1.48		mg/Kg	☼	72	40 - 140
n-Octadecane	<0.035		2.09	1.56		mg/Kg	☼	75	40 - 140
Pentachlorophenol	<0.069		4.18	3.41		mg/Kg	☼	82	40 - 140
Phenanthrene	<0.035		2.09	1.45		mg/Kg	☼	69	40 - 140
Phenol	<0.035		2.09	1.49		mg/Kg	☼	71	40 - 140
Pyrene	<0.035		2.09	1.51		mg/Kg	☼	72	40 - 140
Pyridine	<0.16	F1	4.18	1.44	F1	mg/Kg	☼	34	40 - 140
Sulfolane	<0.035		2.08	1.17		mg/Kg	☼	56	40 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*66*		*10 - 150*
2-Fluorobiphenyl	*59*		*27 - 127*
2-Fluorophenol (Surr)	*56*		*25 - 128*
Nitrobenzene-d5 (Surr)	*67*		*15 - 136*
Phenol-d5 (Surr)	*61*		*29 - 130*
Terphenyl-d14 (Surr)	*69*		*24 - 146*

Lab Sample ID: 400-185304-C-18-D MSD
Matrix: Solid
Analysis Batch: 482540

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 482410

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1'-Biphenyl	<0.035		2.11	1.25		mg/Kg	☼	59	40 - 140	6	30
1,2,4,5-Tetrachlorobenzene	<0.035		2.11	1.29		mg/Kg	☼	61	40 - 140	10	30
1,2,4-Trichlorobenzene	<0.035		2.11	1.26		mg/Kg	☼	59	40 - 140	5	30
1,2-Dichlorobenzene	<0.035		2.11	1.19		mg/Kg	☼	57	40 - 140	7	30
1,3-Dichlorobenzene	<0.035		2.11	1.16		mg/Kg	☼	55	40 - 140	6	30
1,3-Dinitrobenzene	<0.035		2.11	1.51		mg/Kg	☼	72	40 - 140	5	30
1,4-Dichlorobenzene	<0.035		2.11	1.19		mg/Kg	☼	57	40 - 140	8	30
1,4-Dioxane	<0.035	F1	2.11	0.667	F1	mg/Kg	☼	32	40 - 140	6	30
1-Methylnaphthalene	<0.035		2.11	1.28		mg/Kg	☼	61	40 - 140	4	30
2,2'-oxybis(1-chloropropane)	<0.035		2.11	1.34		mg/Kg	☼	63	40 - 140	5	30
2,3,4,6-Tetrachlorophenol	<0.035		2.11	1.61		mg/Kg	☼	76	40 - 140	5	30
2,4,5-Trichlorophenol	<0.035		2.11	1.56		mg/Kg	☼	74	40 - 140	5	30
2,4,6-Trichlorophenol	<0.035		2.11	1.41		mg/Kg	☼	67	40 - 140	8	30
2,4-Dichlorophenol	<0.035		2.11	1.34		mg/Kg	☼	63	40 - 140	4	30
2,4-Dimethylphenol	<0.035		2.11	1.47		mg/Kg	☼	70	40 - 140	3	30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-185304-C-18-D MSD
Matrix: Solid
Analysis Batch: 482540

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 482410

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4-Dinitrophenol	<0.31		4.22	1.82		mg/Kg	☼	43	40 - 140	15	30
2,4-Dinitrotoluene	<0.035		2.11	1.42		mg/Kg	☼	67	40 - 140	7	30
2,6-Dinitrotoluene	<0.035		2.11	1.38		mg/Kg	☼	65	40 - 140	6	30
2-Chloronaphthalene	<0.035		2.11	1.25		mg/Kg	☼	59	40 - 140	8	30
2-Chlorophenol	<0.035		2.11	1.25		mg/Kg	☼	59	40 - 140	8	30
2-Methylnaphthalene	<0.035		2.11	1.31		mg/Kg	☼	62	40 - 140	4	30
2-Methylphenol	<0.035		2.11	1.51		mg/Kg	☼	71	40 - 140	5	30
2-Nitroaniline	<0.035		2.11	1.37		mg/Kg	☼	65	40 - 140	8	30
2-Nitrophenol	<0.035		2.11	1.46		mg/Kg	☼	69	40 - 140	6	30
3 & 4 Methylphenol	<0.035		2.11	1.32		mg/Kg	☼	62	40 - 140	7	30
3,3'-Dichlorobenzidine	<0.035		2.82	1.27		mg/Kg	☼	45	40 - 140	7	30
3-Nitroaniline	<0.035		2.11	1.22		mg/Kg	☼	58	40 - 140	4	30
4,6-Dinitro-2-methylphenol	<0.035		4.22	2.13		mg/Kg	☼	51	40 - 140	20	30
4-Bromophenyl phenyl ether	<0.035		2.11	1.41		mg/Kg	☼	67	40 - 140	11	30
4-Chloro-3-methylphenol	<0.035		2.11	1.40		mg/Kg	☼	66	40 - 140	3	30
4-Chloroaniline	<0.035		2.11	0.960		mg/Kg	☼	45	40 - 140	4	30
4-Chlorophenyl phenyl ether	<0.035		2.11	1.42		mg/Kg	☼	67	40 - 140	3	30
4-Nitroaniline	<0.035		2.11	1.32		mg/Kg	☼	62	40 - 140	5	30
4-Nitrophenol	<0.12		4.22	3.04		mg/Kg	☼	72	40 - 140	4	30
Acenaphthene	<0.035		2.11	1.26		mg/Kg	☼	60	40 - 140	7	30
Acenaphthylene	<0.035		2.11	1.27		mg/Kg	☼	60	40 - 140	9	30
Acetophenone	<0.035		2.11	1.24		mg/Kg	☼	59	40 - 140	7	30
Aniline	<0.045	F1	2.11	0.621	F1	mg/Kg	☼	29	40 - 140	7	30
Anthracene	<0.035		2.11	1.38		mg/Kg	☼	65	40 - 140	9	30
Atrazine	<0.035		2.11	0.967		mg/Kg	☼	46	40 - 140	4	30
Azobenzene	<0.035		2.11	1.38		mg/Kg	☼	65	40 - 140	9	30
Benzaldehyde	<0.035		2.11	0.968		mg/Kg	☼	46	40 - 140	2	30
Benzidine	<0.10	F1	9.56	0.458	J F1	mg/Kg	☼	5	40 - 140	13	30
Benzo[a]anthracene	<0.035		2.11	1.44		mg/Kg	☼	68	40 - 140	5	30
Benzo[a]pyrene	<0.035		2.11	1.44		mg/Kg	☼	68	40 - 140	3	30
Benzo[b]fluoranthene	<0.035		2.11	1.65		mg/Kg	☼	78	40 - 140	4	30
Benzo[g,h,i]perylene	<0.035		2.11	1.08		mg/Kg	☼	51	40 - 140	11	30
Benzo[k]fluoranthene	<0.035		2.11	1.60		mg/Kg	☼	76	40 - 140	5	30
Benzoic acid	<0.37	F1	8.20	2.17	F1	mg/Kg	☼	26	40 - 140	4	30
Benzyl alcohol	<0.035		2.11	0.869		mg/Kg	☼	41	40 - 140	10	30
Bis(2-chloroethoxy)methane	<0.035		2.11	1.25		mg/Kg	☼	59	40 - 140	5	30
Bis(2-chloroethyl)ether	<0.035		2.11	2.07		mg/Kg	☼	98	40 - 140	25	30
Bis(2-ethylhexyl) phthalate	0.052	J B	2.11	1.51		mg/Kg	☼	69	40 - 140	7	30
Butyl benzyl phthalate	<0.035		2.11	1.37		mg/Kg	☼	65	40 - 140	10	30
Caprolactam	<0.035	F1	2.11	0.550	F1	mg/Kg	☼	26	40 - 140	4	30
Carbazole	<0.035		2.11	1.36		mg/Kg	☼	65	40 - 140	10	30
Chrysene	<0.035		2.11	1.46		mg/Kg	☼	69	40 - 140	4	30
Dibenz(a,h)anthracene	<0.035		2.11	1.22		mg/Kg	☼	58	40 - 140	8	30
Dibenzofuran	<0.035		2.11	1.29		mg/Kg	☼	61	40 - 140	4	30
Diethyl phthalate	<0.035		2.11	1.44		mg/Kg	☼	68	40 - 140	3	30
Dimethyl phthalate	<0.035		2.11	1.27		mg/Kg	☼	60	40 - 140	7	30
Di-n-butyl phthalate	<0.035		2.11	1.58		mg/Kg	☼	75	40 - 140	6	30
Di-n-octyl phthalate	<0.035		2.11	1.46		mg/Kg	☼	69	40 - 140	6	30
Fluoranthene	<0.035		2.11	1.57		mg/Kg	☼	74	40 - 140	1	30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-185304-C-18-D MSD
Matrix: Solid
Analysis Batch: 482540

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 482410

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Fluorene	<0.035		2.11	1.39		mg/Kg	☼	66	40 - 140	3	30
Hexachlorobenzene	<0.11		2.11	1.38		mg/Kg	☼	65	40 - 140	11	30
Hexachlorobutadiene	<0.035		2.11	1.40		mg/Kg	☼	67	40 - 140	6	30
Hexachlorocyclopentadiene	<0.069	F1 F2	2.11	0.577	F1 F2	mg/Kg	☼	27	40 - 140	36	30
Hexachloroethane	<0.11		2.11	1.15		mg/Kg	☼	55	40 - 140	8	30
Hexadecane	<0.035		2.11	1.37		mg/Kg	☼	65	40 - 140	13	30
Indeno[1,2,3-cd]pyrene	<0.035		2.11	1.18		mg/Kg	☼	56	40 - 140	8	30
Isophorone	<0.035		2.11	1.24		mg/Kg	☼	59	40 - 140	8	30
Naphthalene	<0.035		2.11	1.27		mg/Kg	☼	60	40 - 140	2	30
n-Decane	<0.035		2.11	1.07		mg/Kg	☼	51	40 - 140	9	30
Nitrobenzene	<0.035		2.11	1.19		mg/Kg	☼	57	40 - 140	6	30
N-Nitrosodimethylamine	<0.069		2.11	1.13		mg/Kg	☼	54	40 - 140	5	30
N-Nitrosodi-n-propylamine	<0.12		2.11	1.40		mg/Kg	☼	66	40 - 140	7	30
N-Nitrosodiphenylamine	<0.035		2.10	1.31		mg/Kg	☼	62	40 - 140	13	30
n-Octadecane	<0.035		2.11	1.42		mg/Kg	☼	67	40 - 140	9	30
Pentachlorophenol	<0.069		4.22	2.99		mg/Kg	☼	71	40 - 140	13	30
Phenanthrene	<0.035		2.11	1.39		mg/Kg	☼	66	40 - 140	4	30
Phenol	<0.035		2.11	1.41		mg/Kg	☼	67	40 - 140	6	30
Pyrene	<0.035		2.11	1.39		mg/Kg	☼	66	40 - 140	9	30
Pyridine	<0.16	F1	4.22	1.31	F1	mg/Kg	☼	31	40 - 140	9	30
Sulfolane	<0.035		2.10	1.08		mg/Kg	☼	51	40 - 140	8	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*63*		*10 - 150*
2-Fluorobiphenyl	*55*		*27 - 127*
2-Fluorophenol (Surr)	*55*		*25 - 128*
Nitrobenzene-d5 (Surr)	*65*		*15 - 136*
Phenol-d5 (Surr)	*59*		*29 - 130*
Terphenyl-d14 (Surr)	*66*		*24 - 146*

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Lab Sample ID: MB 400-481797/2-A
Matrix: Solid
Analysis Batch: 481801

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 481797

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<0.050		0.10	0.050	mg/Kg		03/13/20 09:30	03/13/20 11:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*106*		*65 - 125*	*03/13/20 09:30*	*03/13/20 11:27*	*1*

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics) (Continued)

Lab Sample ID: LCS 400-481797/1-A
Matrix: Solid
Analysis Batch: 481801

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 481797

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO) -C6-C10			1.00	0.985		mg/Kg		98	62 - 141		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (fid)	*103*		*65 - 125*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 400-481786/1-A
Matrix: Solid
Analysis Batch: 482382

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 481786

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	<2.0		5.0	2.0	mg/Kg		03/13/20 10:12	03/18/20 04:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*75*		*27 - 151*	*03/13/20 10:12*	*03/18/20 04:22*	*1*

Lab Sample ID: LCS 400-481786/2-A
Matrix: Solid
Analysis Batch: 482382

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 481786

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]			344	256		mg/Kg		74	38 - 138		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl (Surr)	*99*		*27 - 151*

Lab Sample ID: 400-185251-A-1-A MS
Matrix: Solid
Analysis Batch: 482382

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 481786

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]	98		376	331		mg/Kg	☼	62	62 - 204		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl (Surr)	*101*		*27 - 151*

Lab Sample ID: 400-185251-A-1-B MSD
Matrix: Solid
Analysis Batch: 482382

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 481786

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	98		382	390		mg/Kg	☼	76	62 - 204	17	30

Method: 8015C - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 400-185251-A-1-B MSD
Matrix: Solid
Analysis Batch: 482382

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 481786

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl (Surr)	*119*		*27 - 151*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 400-481867/1-A
Matrix: Solid
Analysis Batch: 482546

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 481867

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0024		0.017	0.0024	mg/Kg		03/13/20 15:57	03/18/20 04:12	1
PCB-1221	<0.0080		0.017	0.0080	mg/Kg		03/13/20 15:57	03/18/20 04:12	1
PCB-1232	<0.011		0.017	0.011	mg/Kg		03/13/20 15:57	03/18/20 04:12	1
PCB-1242	<0.0082		0.017	0.0082	mg/Kg		03/13/20 15:57	03/18/20 04:12	1
PCB-1248	<0.0033		0.017	0.0033	mg/Kg		03/13/20 15:57	03/18/20 04:12	1
PCB-1254	<0.0021		0.017	0.0021	mg/Kg		03/13/20 15:57	03/18/20 04:12	1
PCB-1260	<0.0012		0.017	0.0012	mg/Kg		03/13/20 15:57	03/18/20 04:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*79*		*26 - 129*	*03/13/20 15:57*	*03/18/20 04:12*	*1*
Tetrachloro-m-xylene	*89*		*31 - 122*	*03/13/20 15:57*	*03/18/20 04:12*	*1*

Lab Sample ID: LCS 400-481867/14-A
Matrix: Solid
Analysis Batch: 482546

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 481867

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			0.336	0.194		mg/Kg		58	17 - 156		
PCB-1260			0.335	0.174		mg/Kg		52	27 - 133		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*56*		*26 - 129*
Tetrachloro-m-xylene	*45*		*31 - 122*

Lab Sample ID: LCSD 400-481867/15-A
Matrix: Solid
Analysis Batch: 482546

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 481867

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016			0.336	0.237		mg/Kg		71	17 - 156	20	30
PCB-1260			0.335	0.214		mg/Kg		64	27 - 133	21	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*72*		*26 - 129*
Tetrachloro-m-xylene	*59*		*31 - 122*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 400-482088/1-A
Matrix: Solid
Analysis Batch: 482637

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 482088

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.57		1.0	0.57	mg/Kg		03/16/20 13:39	03/18/20 18:55	1
Barium	<0.17		1.0	0.17	mg/Kg		03/16/20 13:39	03/18/20 18:55	1
Cadmium	<0.088		0.50	0.088	mg/Kg		03/16/20 13:39	03/18/20 18:55	1
Lead	0.246	J	1.0	0.22	mg/Kg		03/16/20 13:39	03/18/20 18:55	1
Selenium	<0.87		2.0	0.87	mg/Kg		03/16/20 13:39	03/18/20 18:55	1
Silver	<0.33		0.50	0.33	mg/Kg		03/16/20 13:39	03/18/20 18:55	1

Lab Sample ID: MB 400-482088/1-A
Matrix: Solid
Analysis Batch: 482815

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 482088

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.31		1.0	0.31	mg/Kg		03/16/20 13:39	03/20/20 04:27	1

Lab Sample ID: LCS 400-482088/2-A
Matrix: Solid
Analysis Batch: 482637

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 482088

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	99.0	103		mg/Kg		104	80 - 120
Barium	99.0	108		mg/Kg		109	80 - 120
Cadmium	49.5	50.7		mg/Kg		102	80 - 120
Lead	99.0	102		mg/Kg		103	80 - 120
Selenium	99.0	100		mg/Kg		101	80 - 120
Silver	49.5	50.1		mg/Kg		101	80 - 120

Lab Sample ID: LCS 400-482088/2-A
Matrix: Solid
Analysis Batch: 482815

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 482088

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	99.0	111		mg/Kg		112	80 - 120

Lab Sample ID: 400-185238-3 MS
Matrix: Solid
Analysis Batch: 482637

Client Sample ID: B-3
Prep Type: Total/NA
Prep Batch: 482088

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.9		99.6	98.8		mg/Kg	☼	97	75 - 125
Barium	6.5		99.6	114		mg/Kg	☼	108	75 - 125
Cadmium	<0.094		49.8	47.7		mg/Kg	☼	96	75 - 125
Chromium	4.2	^	99.6	105	^	mg/Kg	☼	101	75 - 125
Lead	2.2	B	99.6	103		mg/Kg	☼	101	75 - 125
Selenium	<0.93		99.6	94.4		mg/Kg	☼	95	75 - 125
Silver	<0.35		49.8	48.4		mg/Kg	☼	97	75 - 125

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 400-185238-3 MSD — **Client Sample ID: B-3**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 482637 — **Prep Batch: 482088**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	1.9		100	99.3		mg/Kg	☼	97	75 - 125	0	20
Barium	6.5		100	116		mg/Kg	☼	109	75 - 125	2	20
Cadmium	<0.094		50.1	48.1		mg/Kg	☼	96	75 - 125	1	20
Chromium	4.2	^	100	106	^	mg/Kg	☼	102	75 - 125	1	20
Lead	2.2	B	100	104		mg/Kg	☼	101	75 - 125	1	20
Selenium	<0.93		100	94.5		mg/Kg	☼	94	75 - 125	0	20
Silver	<0.35		50.1	49.0		mg/Kg	☼	98	75 - 125	1	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 400-482104/14-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 483313 — **Prep Batch: 482104**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0075		0.012	0.0075	mg/Kg		03/18/20 08:38	03/23/20 16:59	1

Lab Sample ID: LCS 400-482104/15-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 483313 — **Prep Batch: 482104**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.0649	0.0662		mg/Kg		102	80 - 120

Lab Sample ID: 400-185096-C-2-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 483313 — **Prep Batch: 482104**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.015	J	0.194	0.205		mg/Kg	☼	98	80 - 120

Lab Sample ID: 400-185096-C-2-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 483313 — **Prep Batch: 482104**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.015	J	0.214	0.235		mg/Kg	☼	103	80 - 120	14	20

Method: Moisture - Percent Moisture

Lab Sample ID: 400-185342-A-1 DU — **Client Sample ID: Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 482059

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	0.9		0.7	F3	%		23	10

QC Association Summary

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

GC/MS VOA

Analysis Batch: 482994

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185238-1	B-1	Total/NA	Solid	8260B	483042
400-185238-2	B-2	Total/NA	Solid	8260B	483042
400-185238-3	B-3	Total/NA	Solid	8260B	483042
400-185238-4	B-4	Total/NA	Solid	8260B	483042
400-185238-5	B-5	Total/NA	Solid	8260B	483042
400-185238-6	B-6	Total/NA	Solid	8260B	483042
400-185238-7	B-7	Total/NA	Solid	8260B	483042
MB 400-483042/2-A	Method Blank	Total/NA	Solid	8260B	483042
LCS 400-483042/1-A	Lab Control Sample	Total/NA	Solid	8260B	483042
400-185542-B-1-E MS	Matrix Spike	Total/NA	Solid	8260B	483042
400-185542-B-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8260B	483042

Prep Batch: 483042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185238-1	B-1	Total/NA	Solid	5035	
400-185238-2	B-2	Total/NA	Solid	5035	
400-185238-3	B-3	Total/NA	Solid	5035	
400-185238-4	B-4	Total/NA	Solid	5035	
400-185238-5	B-5	Total/NA	Solid	5035	
400-185238-6	B-6	Total/NA	Solid	5035	
400-185238-7	B-7	Total/NA	Solid	5035	
MB 400-483042/2-A	Method Blank	Total/NA	Solid	5035	
LCS 400-483042/1-A	Lab Control Sample	Total/NA	Solid	5035	
400-185542-B-1-E MS	Matrix Spike	Total/NA	Solid	5035	
400-185542-B-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

GC/MS Semi VOA

Prep Batch: 482410

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185238-1	B-1	Total/NA	Solid	3546	
400-185238-2	B-2	Total/NA	Solid	3546	
400-185238-3	B-3	Total/NA	Solid	3546	
400-185238-4	B-4	Total/NA	Solid	3546	
400-185238-5	B-5	Total/NA	Solid	3546	
400-185238-6	B-6	Total/NA	Solid	3546	
400-185238-7	B-7	Total/NA	Solid	3546	
MB 400-482410/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-482410/2-A	Lab Control Sample	Total/NA	Solid	3546	
400-185304-C-18-C MS	Matrix Spike	Total/NA	Solid	3546	
400-185304-C-18-D MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 482540

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185238-1	B-1	Total/NA	Solid	8270D	482410
400-185238-2	B-2	Total/NA	Solid	8270D	482410
400-185238-3	B-3	Total/NA	Solid	8270D	482410
400-185238-4	B-4	Total/NA	Solid	8270D	482410
400-185238-5	B-5	Total/NA	Solid	8270D	482410
400-185238-6	B-6	Total/NA	Solid	8270D	482410
400-185238-7	B-7	Total/NA	Solid	8270D	482410

GC/MS Semi VOA (Continued)

Analysis Batch: 482540 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-482410/1-A	Method Blank	Total/NA	Solid	8270D	482410
LCS 400-482410/2-A	Lab Control Sample	Total/NA	Solid	8270D	482410
400-185304-C-18-C MS	Matrix Spike	Total/NA	Solid	8270D	482410
400-185304-C-18-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8270D	482410

GC VOA

Prep Batch: 481797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185238-1	B-1	Total/NA	Solid	5035	
400-185238-2	B-2	Total/NA	Solid	5035	
400-185238-3	B-3	Total/NA	Solid	5035	
400-185238-4	B-4	Total/NA	Solid	5035	
400-185238-5	B-5	Total/NA	Solid	5035	
400-185238-6	B-6	Total/NA	Solid	5035	
400-185238-7	B-7	Total/NA	Solid	5035	
MB 400-481797/2-A	Method Blank	Total/NA	Solid	5035	
LCS 400-481797/1-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 481801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185238-1	B-1	Total/NA	Solid	8015C	481797
400-185238-2	B-2	Total/NA	Solid	8015C	481797
400-185238-3	B-3	Total/NA	Solid	8015C	481797
400-185238-4	B-4	Total/NA	Solid	8015C	481797
400-185238-5	B-5	Total/NA	Solid	8015C	481797
400-185238-6	B-6	Total/NA	Solid	8015C	481797
400-185238-7	B-7	Total/NA	Solid	8015C	481797
MB 400-481797/2-A	Method Blank	Total/NA	Solid	8015C	481797
LCS 400-481797/1-A	Lab Control Sample	Total/NA	Solid	8015C	481797

GC Semi VOA

Prep Batch: 481786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185238-1	B-1	Total/NA	Solid	3546	
400-185238-2	B-2	Total/NA	Solid	3546	
400-185238-3	B-3	Total/NA	Solid	3546	
400-185238-4	B-4	Total/NA	Solid	3546	
400-185238-5	B-5	Total/NA	Solid	3546	
400-185238-6	B-6	Total/NA	Solid	3546	
400-185238-7	B-7	Total/NA	Solid	3546	
MB 400-481786/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-481786/2-A	Lab Control Sample	Total/NA	Solid	3546	
400-185251-A-1-A MS	Matrix Spike	Total/NA	Solid	3546	
400-185251-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Prep Batch: 481867

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185238-1	B-1	Total/NA	Solid	3546	
400-185238-2	B-2	Total/NA	Solid	3546	
400-185238-3	B-3	Total/NA	Solid	3546	

GC Semi VOA (Continued)

Prep Batch: 481867 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185238-4	B-4	Total/NA	Solid	3546	
400-185238-5	B-5	Total/NA	Solid	3546	
400-185238-6	B-6	Total/NA	Solid	3546	
400-185238-7	B-7	Total/NA	Solid	3546	
MB 400-481867/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-481867/14-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 400-481867/15-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Analysis Batch: 482382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185238-1	B-1	Total/NA	Solid	8015C	481786
400-185238-2	B-2	Total/NA	Solid	8015C	481786
400-185238-3	B-3	Total/NA	Solid	8015C	481786
400-185238-4	B-4	Total/NA	Solid	8015C	481786
MB 400-481786/1-A	Method Blank	Total/NA	Solid	8015C	481786
LCS 400-481786/2-A	Lab Control Sample	Total/NA	Solid	8015C	481786
400-185251-A-1-A MS	Matrix Spike	Total/NA	Solid	8015C	481786
400-185251-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8015C	481786

Analysis Batch: 482453

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185238-5	B-5	Total/NA	Solid	8015C	481786
400-185238-6	B-6	Total/NA	Solid	8015C	481786
400-185238-7	B-7	Total/NA	Solid	8015C	481786

Analysis Batch: 482546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185238-1	B-1	Total/NA	Solid	8082A	481867
400-185238-2	B-2	Total/NA	Solid	8082A	481867
400-185238-3	B-3	Total/NA	Solid	8082A	481867
400-185238-4	B-4	Total/NA	Solid	8082A	481867
400-185238-5	B-5	Total/NA	Solid	8082A	481867
400-185238-6	B-6	Total/NA	Solid	8082A	481867
400-185238-7	B-7	Total/NA	Solid	8082A	481867
MB 400-481867/1-A	Method Blank	Total/NA	Solid	8082A	481867
LCS 400-481867/14-A	Lab Control Sample	Total/NA	Solid	8082A	481867
LCSD 400-481867/15-A	Lab Control Sample Dup	Total/NA	Solid	8082A	481867

Metals

Prep Batch: 482088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185238-1	B-1	Total/NA	Solid	3050B	
400-185238-2	B-2	Total/NA	Solid	3050B	
400-185238-3	B-3	Total/NA	Solid	3050B	
400-185238-4	B-4	Total/NA	Solid	3050B	
400-185238-5	B-5	Total/NA	Solid	3050B	
400-185238-6	B-6	Total/NA	Solid	3050B	
400-185238-7	B-7	Total/NA	Solid	3050B	
MB 400-482088/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 400-482088/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 482088 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185238-3 MS	B-3	Total/NA	Solid	3050B	
400-185238-3 MSD	B-3	Total/NA	Solid	3050B	

Prep Batch: 482104

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185238-1	B-1	Total/NA	Solid	7471B	
400-185238-2	B-2	Total/NA	Solid	7471B	
400-185238-3	B-3	Total/NA	Solid	7471B	
400-185238-4	B-4	Total/NA	Solid	7471B	
400-185238-5	B-5	Total/NA	Solid	7471B	
400-185238-6	B-6	Total/NA	Solid	7471B	
400-185238-7	B-7	Total/NA	Solid	7471B	
MB 400-482104/14-A	Method Blank	Total/NA	Solid	7471B	
LCS 400-482104/15-A	Lab Control Sample	Total/NA	Solid	7471B	
400-185096-C-2-C MS	Matrix Spike	Total/NA	Solid	7471B	
400-185096-C-2-D MSD	Matrix Spike Duplicate	Total/NA	Solid	7471B	

Analysis Batch: 482637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185238-1	B-1	Total/NA	Solid	6010C	482088
400-185238-2	B-2	Total/NA	Solid	6010C	482088
400-185238-3	B-3	Total/NA	Solid	6010C	482088
400-185238-4	B-4	Total/NA	Solid	6010C	482088
400-185238-5	B-5	Total/NA	Solid	6010C	482088
400-185238-6	B-6	Total/NA	Solid	6010C	482088
400-185238-7	B-7	Total/NA	Solid	6010C	482088
MB 400-482088/1-A	Method Blank	Total/NA	Solid	6010C	482088
LCS 400-482088/2-A	Lab Control Sample	Total/NA	Solid	6010C	482088
400-185238-3 MS	B-3	Total/NA	Solid	6010C	482088
400-185238-3 MSD	B-3	Total/NA	Solid	6010C	482088

Analysis Batch: 482815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185238-1	B-1	Total/NA	Solid	6010C	482088
400-185238-2	B-2	Total/NA	Solid	6010C	482088
400-185238-3	B-3	Total/NA	Solid	6010C	482088
400-185238-4	B-4	Total/NA	Solid	6010C	482088
400-185238-5	B-5	Total/NA	Solid	6010C	482088
400-185238-6	B-6	Total/NA	Solid	6010C	482088
400-185238-7	B-7	Total/NA	Solid	6010C	482088
MB 400-482088/1-A	Method Blank	Total/NA	Solid	6010C	482088
LCS 400-482088/2-A	Lab Control Sample	Total/NA	Solid	6010C	482088

Analysis Batch: 483313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185238-1	B-1	Total/NA	Solid	7471B	482104
400-185238-2	B-2	Total/NA	Solid	7471B	482104
400-185238-3	B-3	Total/NA	Solid	7471B	482104
400-185238-4	B-4	Total/NA	Solid	7471B	482104
400-185238-5	B-5	Total/NA	Solid	7471B	482104
400-185238-6	B-6	Total/NA	Solid	7471B	482104

Metals (Continued)

Analysis Batch: 483313 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185238-7	B-7	Total/NA	Solid	7471B	482104
MB 400-482104/14-A	Method Blank	Total/NA	Solid	7471B	482104
LCS 400-482104/15-A	Lab Control Sample	Total/NA	Solid	7471B	482104
400-185096-C-2-C MS	Matrix Spike	Total/NA	Solid	7471B	482104
400-185096-C-2-D MSD	Matrix Spike Duplicate	Total/NA	Solid	7471B	482104

General Chemistry

Analysis Batch: 482059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185238-1	B-1	Total/NA	Solid	Moisture	
400-185238-2	B-2	Total/NA	Solid	Moisture	
400-185238-3	B-3	Total/NA	Solid	Moisture	
400-185238-4	B-4	Total/NA	Solid	Moisture	
400-185238-5	B-5	Total/NA	Solid	Moisture	
400-185238-6	B-6	Total/NA	Solid	Moisture	
400-185238-7	B-7	Total/NA	Solid	Moisture	
400-185342-A-1 DU	Duplicate	Total/NA	Solid	Moisture	

Lab Chronicle

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

Client Sample ID: B-1
Date Collected: 03/09/20 09:40
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	482059	03/16/20 09:56	BKG	TAL PEN

Client Sample ID: B-1
Date Collected: 03/09/20 09:40
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-1
Matrix: Solid
Percent Solids: 64.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			483042	03/21/20 13:16	AMB	TAL PEN
Total/NA	Analysis	8260B		1	482994	03/21/20 19:34	AMB	TAL PEN
Total/NA	Prep	3546			482410	03/18/20 07:16	SHB	TAL PEN
Total/NA	Analysis	8270D		1	482540	03/18/20 18:52	VC1	TAL PEN
Total/NA	Prep	5035			481797	03/13/20 18:00	CMW	TAL PEN
Total/NA	Analysis	8015C		1	481801	03/13/20 19:00	CMW	TAL PEN
Total/NA	Prep	3546			481786	03/13/20 10:12	SHB	TAL PEN
Total/NA	Analysis	8015C		1	482382	03/18/20 06:41	JAW	TAL PEN
Total/NA	Prep	3546			481867	03/13/20 15:57	SHB	TAL PEN
Total/NA	Analysis	8082A		5	482546	03/18/20 06:46	DS	TAL PEN
Total/NA	Prep	3050B			482088	03/16/20 13:39	KWN	TAL PEN
Total/NA	Analysis	6010C		1	482637	03/18/20 19:06	GESP	TAL PEN
Total/NA	Prep	3050B			482088	03/16/20 13:39	KWN	TAL PEN
Total/NA	Analysis	6010C		1	482815	03/20/20 04:38	AW	TAL PEN
Total/NA	Prep	7471B			482104	03/18/20 08:38	JAP	TAL PEN
Total/NA	Analysis	7471B		1	483313	03/24/20 09:26	JAP	TAL PEN

Client Sample ID: B-2
Date Collected: 03/09/20 10:40
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	482059	03/16/20 09:56	BKG	TAL PEN

Client Sample ID: B-2
Date Collected: 03/09/20 10:40
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-2
Matrix: Solid
Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			483042	03/21/20 13:16	AMB	TAL PEN
Total/NA	Analysis	8260B		1	482994	03/21/20 20:04	AMB	TAL PEN
Total/NA	Prep	3546			482410	03/18/20 07:16	SHB	TAL PEN
Total/NA	Analysis	8270D		1	482540	03/18/20 19:17	VC1	TAL PEN
Total/NA	Prep	5035			481797	03/13/20 18:00	CMW	TAL PEN
Total/NA	Analysis	8015C		1	481801	03/13/20 19:26	CMW	TAL PEN
Total/NA	Prep	3546			481786	03/13/20 10:12	SHB	TAL PEN
Total/NA	Analysis	8015C		1	482382	03/18/20 06:51	JAW	TAL PEN

Lab Chronicle

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

Client Sample ID: B-2

Lab Sample ID: 400-185238-2
Date Collected: 03/09/20 10:40
Matrix: Solid
Date Received: 03/12/20 08:55
Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			481867	03/13/20 15:57	SHB	TAL PEN
Total/NA	Analysis	8082A		5	482546	03/18/20 07:48	DS	TAL PEN
Total/NA	Prep	3050B			482088	03/16/20 13:39	KWN	TAL PEN
Total/NA	Analysis	6010C		1	482637	03/18/20 19:10	GESP	TAL PEN
Total/NA	Prep	3050B			482088	03/16/20 13:39	KWN	TAL PEN
Total/NA	Analysis	6010C		1	482815	03/20/20 04:41	AW	TAL PEN
Total/NA	Prep	7471B			482104	03/18/20 08:38	JAP	TAL PEN
Total/NA	Analysis	7471B		1	483313	03/24/20 09:02	JAP	TAL PEN

Client Sample ID: B-3

Lab Sample ID: 400-185238-3
Date Collected: 03/09/20 12:10
Matrix: Solid
Date Received: 03/12/20 08:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	482059	03/16/20 10:34	BKG	TAL PEN

Client Sample ID: B-3

Lab Sample ID: 400-185238-3
Date Collected: 03/09/20 12:10
Matrix: Solid
Date Received: 03/12/20 08:55
Percent Solids: 93.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			483042	03/21/20 13:16	AMB	TAL PEN
Total/NA	Analysis	8260B		1	482994	03/21/20 20:34	AMB	TAL PEN
Total/NA	Prep	3546			482410	03/18/20 07:16	SHB	TAL PEN
Total/NA	Analysis	8270D		1	482540	03/18/20 19:43	VC1	TAL PEN
Total/NA	Prep	5035			481797	03/13/20 18:00	CMW	TAL PEN
Total/NA	Analysis	8015C		1	481801	03/13/20 19:57	CMW	TAL PEN
Total/NA	Prep	3546			481786	03/13/20 10:12	SHB	TAL PEN
Total/NA	Analysis	8015C		1	482382	03/18/20 07:01	JAW	TAL PEN
Total/NA	Prep	3546			481867	03/13/20 15:57	SHB	TAL PEN
Total/NA	Analysis	8082A		1	482546	03/18/20 08:19	DS	TAL PEN
Total/NA	Prep	3050B			482088	03/16/20 13:39	KWN	TAL PEN
Total/NA	Analysis	6010C		1	482637	03/18/20 19:29	GESP	TAL PEN
Total/NA	Prep	3050B			482088	03/16/20 13:39	KWN	TAL PEN
Total/NA	Analysis	6010C		1	482815	03/20/20 04:45	AW	TAL PEN
Total/NA	Prep	7471B			482104	03/18/20 08:38	JAP	TAL PEN
Total/NA	Analysis	7471B		1	483313	03/24/20 09:04	JAP	TAL PEN

Client Sample ID: B-4

Lab Sample ID: 400-185238-4
Date Collected: 03/09/20 13:00
Matrix: Solid
Date Received: 03/12/20 08:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	482059	03/16/20 10:34	BKG	TAL PEN

Lab Chronicle

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

Client Sample ID: B-4

Lab Sample ID: 400-185238-4

Date Collected: 03/09/20 13:00
Matrix: Solid
Date Received: 03/12/20 08:55
Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			483042	03/21/20 13:16	AMB	TAL PEN
Total/NA	Analysis	8260B		1	482994	03/21/20 21:04	AMB	TAL PEN
Total/NA	Prep	3546			482410	03/18/20 07:16	SHB	TAL PEN
Total/NA	Analysis	8270D		1	482540	03/18/20 20:09	VC1	TAL PEN
Total/NA	Prep	5035			481797	03/13/20 18:00	CMW	TAL PEN
Total/NA	Analysis	8015C		1	481801	03/13/20 20:21	CMW	TAL PEN
Total/NA	Prep	3546			481786	03/13/20 10:12	SHB	TAL PEN
Total/NA	Analysis	8015C		1	482382	03/18/20 07:11	JAW	TAL PEN
Total/NA	Prep	3546			481867	03/13/20 15:57	SHB	TAL PEN
Total/NA	Analysis	8082A		1	482546	03/18/20 07:17	DS	TAL PEN
Total/NA	Prep	3050B			482088	03/16/20 13:39	KWN	TAL PEN
Total/NA	Analysis	6010C		1	482637	03/18/20 19:43	GESP	TAL PEN
Total/NA	Prep	3050B			482088	03/16/20 13:39	KWN	TAL PEN
Total/NA	Analysis	6010C		1	482815	03/20/20 04:49	AW	TAL PEN
Total/NA	Prep	7471B			482104	03/18/20 08:38	JAP	TAL PEN
Total/NA	Analysis	7471B		1	483313	03/24/20 09:06	JAP	TAL PEN

Client Sample ID: B-5

Lab Sample ID: 400-185238-5

Date Collected: 03/09/20 14:00
Matrix: Solid
Date Received: 03/12/20 08:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	482059	03/16/20 10:34	BKG	TAL PEN

Client Sample ID: B-5

Lab Sample ID: 400-185238-5

Date Collected: 03/09/20 14:00
Matrix: Solid
Date Received: 03/12/20 08:55
Percent Solids: 95.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			483042	03/21/20 13:16	AMB	TAL PEN
Total/NA	Analysis	8260B		1	482994	03/21/20 21:35	AMB	TAL PEN
Total/NA	Prep	3546			482410	03/18/20 07:16	SHB	TAL PEN
Total/NA	Analysis	8270D		5	482540	03/18/20 20:34	VC1	TAL PEN
Total/NA	Prep	5035			481797	03/13/20 18:00	CMW	TAL PEN
Total/NA	Analysis	8015C		1	481801	03/13/20 20:48	CMW	TAL PEN
Total/NA	Prep	3546			481786	03/13/20 10:12	SHB	TAL PEN
Total/NA	Analysis	8015C		1	482453	03/18/20 16:08	JAW	TAL PEN
Total/NA	Prep	3546			481867	03/13/20 15:57	SHB	TAL PEN
Total/NA	Analysis	8082A		5	482546	03/18/20 08:50	DS	TAL PEN
Total/NA	Prep	3050B			482088	03/16/20 13:39	KWN	TAL PEN
Total/NA	Analysis	6010C		1	482637	03/18/20 19:46	GESP	TAL PEN
Total/NA	Prep	3050B			482088	03/16/20 13:39	KWN	TAL PEN
Total/NA	Analysis	6010C		1	482815	03/20/20 04:52	AW	TAL PEN
Total/NA	Prep	7471B			482104	03/18/20 08:38	JAP	TAL PEN
Total/NA	Analysis	7471B		1	483313	03/24/20 09:08	JAP	TAL PEN

Lab Chronicle

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

Client Sample ID: B-6
Date Collected: 03/09/20 16:00
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	482059	03/16/20 10:34	BKG	TAL PEN

Client Sample ID: B-6
Date Collected: 03/09/20 16:00
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-6
Matrix: Solid
Percent Solids: 84.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			483042	03/21/20 13:16	AMB	TAL PEN
Total/NA	Analysis	8260B		1	482994	03/21/20 22:04	AMB	TAL PEN
Total/NA	Prep	3546			482410	03/18/20 07:16	SHB	TAL PEN
Total/NA	Analysis	8270D		1	482540	03/18/20 21:00	VC1	TAL PEN
Total/NA	Prep	5035			481797	03/13/20 18:00	CMW	TAL PEN
Total/NA	Analysis	8015C		1	481801	03/13/20 21:14	CMW	TAL PEN
Total/NA	Prep	3546			481786	03/13/20 10:12	SHB	TAL PEN
Total/NA	Analysis	8015C		1	482453	03/18/20 16:18	JAW	TAL PEN
Total/NA	Prep	3546			481867	03/13/20 15:57	SHB	TAL PEN
Total/NA	Analysis	8082A		1	482546	03/18/20 09:21	DS	TAL PEN
Total/NA	Prep	3050B			482088	03/16/20 13:39	KWN	TAL PEN
Total/NA	Analysis	6010C		1	482637	03/18/20 19:50	GESP	TAL PEN
Total/NA	Prep	3050B			482088	03/16/20 13:39	KWN	TAL PEN
Total/NA	Analysis	6010C		1	482815	03/20/20 05:07	AW	TAL PEN
Total/NA	Prep	7471B			482104	03/18/20 08:38	JAP	TAL PEN
Total/NA	Analysis	7471B		1	483313	03/24/20 09:10	JAP	TAL PEN

Client Sample ID: B-7
Date Collected: 03/09/20 16:30
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	482059	03/16/20 10:34	BKG	TAL PEN

Client Sample ID: B-7
Date Collected: 03/09/20 16:30
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-7
Matrix: Solid
Percent Solids: 82.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			483042	03/21/20 13:16	AMB	TAL PEN
Total/NA	Analysis	8260B		1	482994	03/21/20 22:34	AMB	TAL PEN
Total/NA	Prep	3546			482410	03/18/20 07:16	SHB	TAL PEN
Total/NA	Analysis	8270D		1	482540	03/18/20 21:25	VC1	TAL PEN
Total/NA	Prep	5035			481797	03/13/20 18:00	CMW	TAL PEN
Total/NA	Analysis	8015C		1	481801	03/13/20 21:40	CMW	TAL PEN
Total/NA	Prep	3546			481786	03/13/20 10:12	SHB	TAL PEN
Total/NA	Analysis	8015C		1	482453	03/18/20 16:28	JAW	TAL PEN

Lab Chronicle

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

Client Sample ID: B-7

Date Collected: 03/09/20 16:30
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185238-7

Matrix: Solid
Percent Solids: 82.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			481867	03/13/20 15:57	SHB	TAL PEN
Total/NA	Analysis	8082A		1	482546	03/18/20 09:51	DS	TAL PEN
Total/NA	Prep	3050B			482088	03/16/20 13:39	KWN	TAL PEN
Total/NA	Analysis	6010C		1	482637	03/18/20 19:54	GESP	TAL PEN
Total/NA	Prep	3050B			482088	03/16/20 13:39	KWN	TAL PEN
Total/NA	Analysis	6010C		1	482815	03/20/20 05:11	AW	TAL PEN
Total/NA	Prep	7471B			482104	03/18/20 08:38	JAP	TAL PEN
Total/NA	Analysis	7471B		1	483313	03/24/20 09:11	JAP	TAL PEN

Laboratory References:

TAL PEN = Eurofins TestAmerica, Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Accreditation/Certification Summary

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

Laboratory: Eurofins TestAmerica, Pensacola

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Virginia	NELAP	460166	06-14-20

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260B	5035	Solid	Dibromofluoromethane
8260B	5035	Solid	m-Xylene & p-Xylene
8270D	3546	Solid	Acetophenone
8270D	3546	Solid	Azobenzene
8270D	3546	Solid	Hexadecane
8270D	3546	Solid	n-Decane
8270D	3546	Solid	n-Octadecane
Moisture		Solid	Percent Moisture

Method Summary

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185238-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PEN
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL PEN
8015C	Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)	SW846	TAL PEN
8015C	Diesel Range Organics (DRO) (GC)	EPA	TAL PEN
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PEN
6010C	Metals (ICP)	SW846	TAL PEN
7471B	Mercury (CVAA)	SW846	TAL PEN
Moisture	Percent Moisture	EPA	TAL PEN
3050B	Preparation, Metals	SW846	TAL PEN
3546	Microwave Extraction	SW846	TAL PEN
5035	Closed System Purge and Trap	SW846	TAL PEN
7471B	Preparation, Mercury	SW846	TAL PEN

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = Eurofins TestAmerica, Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Snyder -Soi 1

Eurofins TestAmerica, Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone: 850-474-1001 Fax: 850-478-2671

Chain of Custody Record

eurofins | Environment Testing TestAmerica

Client Information	Sampler:	Lab PM: Swafford, Mark H	Carrier Tracking No(s):	COC No: 400-92543-33728.1
Client Contact: Alexis Holcomb	Phone:	E-Mail: mark.swafford@testamericainc.com		Page: Page 1 of 1
Company: SCS Engineers				Job #:
Address: 2877 Guardian Lane Suite 1-F	Due Date Requested:			
City: Virginia Beach	TAT Requested (days):			
State, Zip: VA, 23452				
Phone: 757-201-9264(Tel)	PO #: PO 02-RE03788-5			
Email: AHolcomb@scsengineers.com	WO #:			
Project Name: Snyder Lot-Soi	Project #: 40005152			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

400-185238 COC

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015C_DRO, 8270D	6010C, 7471B	8082A - TCL PCBs	8260B - VOC & GRO	8015C_GRO - GRO (C6-C10)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N		
B-1	3/9/20	940	G	Solid			X	X	X	X	X		
B-2	3/9/20	1040		Solid									
B-3	3/9/20	1210		Solid									
B-4		1300		Solid									
B-5		1400		Solid									
B-6		1600		Solid									
B-7		1630		Solid									Virginia Beach #202
DUPLICATE				Solid									

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		3/10 930	SCS		3/11/20 1240	ETA
2		3/11/20 1630	ETA		3/12/20 855	TAL PGV
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 2.6°C IR8

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: SCS Engineers

Job Number: 400-185238-1

Login Number: 185238
List Number: 1
Creator: Hinrichsen, Megan E

List Source: Eurofins TestAmerica, Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.6°C IR-8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing TestAmerica

ANALYTICAL REPORT

Eurofins TestAmerica, Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Tel: (850)474-1001

Laboratory Job ID: 400-185239-1
Client Project/Site: Snyder Lot
Revision: 1

For:
SCS Engineers
2877 Guardian Lane
Suite 1-F
Virginia Beach, Virginia 23452

Attn: Keith Matteson

Mark Swafford

Authorized for release by:
4/21/2020 3:32:18 PM

Mark Swafford, Project Manager II
(850)471-6207
mark.swafford@testamericainc.com

Table of Contents

Definitions/Glossary

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*1	LCS/LCSD RPD exceeds control limits.
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
H	Sample was prepped or analyzed beyond the specified holding time
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 400-185239-1

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-185239-1

Comments
The report was revised change the format to report to the MDL.

No additional comments.

Receipt
The samples were received on 3/12/2020 8:55 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 4 coolers at receipt time were 0.0º C, 0.7º C, 3.2º C and 3.6º C.

Receipt Exceptions

6 of6-40ml HCL vials were received empty for sample TMW-2.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270D: The continuing calibration verification (CCV) associated with batch 400-482944 recovered above the upper control limit for 4,6-Dinitro-2-methylphenol, Hexachlorocyclopentadiene, Hexachlorobutadiene and 2-Nitrophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8270D: The continuing calibration verification (CCV) associated with batch 400-482944 recovered outside acceptance criteria, low biased, for Benzyl alcohol. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method 8270D: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 400-482280 and analytical batch 400-482848 recovered outside control limits for the following analyte: Benzidine. Benzidine has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. Batch precision also exceeded control limits for this analyte. These results have been reported and qualified.

Method 8270D: The following analytes recovered outside control limits for the LCS associated with preparation batch 400-482280 and analytical batch 400-482848: Pyridine, 4-Chloroaniline and Aniline. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

Method 8270D: The laboratory control sample duplicate (LCSD) for preparation batch 400-482280 and analytical batch 400-482848 recovered outside control limits for the following analytes: 3,3'-Dichlorobenzidine. The analyte was biased high in the LCSD and was not detected in the associated samples; therefore, the data have been reported.

Method 8270D: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 400-482280 and analytical batch 400-482848 recovered outside control limits for the following analytes: 3,3'-Dichlorobenzidine, Bis(2-chloroethyl)ether, 4-Chloroaniline, Pyridine, Benzidine and Aniline.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA
Method 8015C: The following samples were re-prepared outside of preparation holding time due to a detection in the Method Blank above the Reporting Limit RL: TMW-1 (400-185239-1), TMW-2 (400-185239-2), TMW-3 (400-185239-3), TMW-4 (400-185239-4), TMW-5 (400-185239-5), TMW-6 (400-185239-6), TMW-7 (400-185239-7) and TMW-DUP (400-185239-8).

Job ID: 400-185239-1 (Continued)

Laboratory: Eurofins TestAmerica, Pensacola (Continued)

Method 8015C: Diesel Range Organics [C10-C28] was detected above the reporting limit (RL) in the method blank associated with preparation batch 400-482052 and 400-482052 and analytical batch 400-482341 as well as in the following samples: TMW-1 (400-185239-1), TMW-2 (400-185239-2), TMW-3 (400-185239-3), TMW-4 (400-185239-4), TMW-5 (400-185239-5), TMW-6 (400-185239-6), TMW-7 (400-185239-7), TMW-DUP (400-185239-8) and (MB 400-482052/1-A). All affected samples were re-extracted and/or re-analyzed outside of holding time. Both sets of data have been reported.

Method 8082A: The continuing calibration verification (CCV) associated with batch 400-482365 recovered above the upper control limit for PCB-1016. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8082A: The continuing calibration verification (CCV) associated with batch 400-482373 recovered above the upper control limit for PCB-1016. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 400-482811.

Method 3520C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 400-482280.

Method 3520C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 400-481851.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Client Sample ID: TMW-1 — Lab Sample ID: 400-185239-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.26	J	10	0.12	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	0.25	J	10	0.16	ug/L	1		8270D	Total/NA
Benzo[k]fluoranthene	0.33	J	10	0.17	ug/L	1		8270D	Total/NA
Bis(2-ethylhexyl) phthalate	13		10	5.2	ug/L	1		8270D	Total/NA
Diesel Range Organics [C10-C28]	370	B	130	100	ug/L	1		8015C	Total/NA
Diesel Range Organics [C10-C28] - RE	150	H B	130	110	ug/L	1		8015C	Total/NA
Arsenic	0.0035	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Barium	0.21		0.010	0.0030	mg/L	1		6010C	Total/NA
Chromium	0.016		0.010	0.0050	mg/L	1		6010C	Total/NA
Lead	0.028		0.010	0.0020	mg/L	1		6010C	Total/NA

Client Sample ID: TMW-2 — Lab Sample ID: 400-185239-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.25	J	10	0.12	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	0.28	J	10	0.15	ug/L	1		8270D	Total/NA
Benzo[k]fluoranthene	0.26	J	10	0.16	ug/L	1		8270D	Total/NA
Bis(2-ethylhexyl) phthalate	23		10	5.0	ug/L	1		8270D	Total/NA
Caprolactam	6.9	J	10	3.8	ug/L	1		8270D	Total/NA
Diesel Range Organics [C10-C28]	410	B	130	100	ug/L	1		8015C	Total/NA
Diesel Range Organics [C10-C28] - RE	100	J H B	130	100	ug/L	1		8015C	Total/NA
Arsenic	0.012		0.010	0.0030	mg/L	1		6010C	Total/NA
Barium	0.13		0.010	0.0030	mg/L	1		6010C	Total/NA
Lead	0.0070	J	0.010	0.0020	mg/L	1		6010C	Total/NA
Silver	0.0011	J	0.0050	0.0010	mg/L	1		6010C	Total/NA

Client Sample ID: TMW-3 — Lab Sample ID: 400-185239-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.24	J	10	0.12	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	0.19	J	10	0.15	ug/L	1		8270D	Total/NA
Benzo[k]fluoranthene	0.21	J	10	0.16	ug/L	1		8270D	Total/NA
Bis(2-ethylhexyl) phthalate	11		10	5.0	ug/L	1		8270D	Total/NA
Diesel Range Organics [C10-C28]	220	B	120	98	ug/L	1		8015C	Total/NA
Diesel Range Organics [C10-C28] - RE	100	J H B	120	94	ug/L	1		8015C	Total/NA
Arsenic	0.0037	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Barium	0.033		0.010	0.0030	mg/L	1		6010C	Total/NA
Lead	0.0023	J	0.010	0.0020	mg/L	1		6010C	Total/NA

Client Sample ID: TMW-4 — Lab Sample ID: 400-185239-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	270	B	120	95	ug/L	1		8015C	Total/NA
Diesel Range Organics [C10-C28] - RE	98	J H B	120	98	ug/L	1		8015C	Total/NA
Barium	0.13		0.010	0.0030	mg/L	1		6010C	Total/NA
Lead	0.0045	J	0.010	0.0020	mg/L	1		6010C	Total/NA
Selenium	0.015	J	0.020	0.0080	mg/L	1		6010C	Total/NA

Client Sample ID: TMW-5 — Lab Sample ID: 400-185239-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Caprolactam	13		10	3.9	ug/L	1		8270D	Total/NA
Diesel Range Organics [C10-C28]	250	B	130	100	ug/L	1		8015C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TMW-5 (Continued) — Lab Sample ID: 400-185239-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28] - RE	100	J H B	120	99	ug/L	1		8015C	Total/NA
Arsenic	0.0030	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Barium	0.11		0.010	0.0030	mg/L	1		6010C	Total/NA
Chromium	0.011		0.010	0.0050	mg/L	1		6010C	Total/NA
Lead	0.0048	J	0.010	0.0020	mg/L	1		6010C	Total/NA
Selenium	0.023		0.020	0.0080	mg/L	1		6010C	Total/NA

Client Sample ID: TMW-6 — Lab Sample ID: 400-185239-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	510	B	160	130	ug/L	1		8015C	Total/NA
Diesel Range Organics [C10-C28] - RE	150	H B	150	120	ug/L	1		8015C	Total/NA
Arsenic	0.028		0.010	0.0030	mg/L	1		6010C	Total/NA
Barium	0.21		0.010	0.0030	mg/L	1		6010C	Total/NA
Lead	0.0082	J	0.010	0.0020	mg/L	1		6010C	Total/NA

Client Sample ID: TMW-7 — Lab Sample ID: 400-185239-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Caprolactam	5.5	J	10	3.9	ug/L	1		8270D	Total/NA
Diesel Range Organics [C10-C28]	340	B	110	92	ug/L	1		8015C	Total/NA
Diesel Range Organics [C10-C28] - RE	100	J H B	120	99	ug/L	1		8015C	Total/NA
Arsenic	0.013		0.010	0.0030	mg/L	1		6010C	Total/NA
Barium	0.20		0.010	0.0030	mg/L	1		6010C	Total/NA
Chromium	0.013		0.010	0.0050	mg/L	1		6010C	Total/NA
Lead	0.029		0.010	0.0020	mg/L	1		6010C	Total/NA

Client Sample ID: TMW-DUP — Lab Sample ID: 400-185239-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzoic acid	14	J	32	7.9	ug/L	1		8270D	Total/NA
Caprolactam	16		11	4.1	ug/L	1		8270D	Total/NA
Diesel Range Organics [C10-C28]	360	B	120	92	ug/L	1		8015C	Total/NA
Diesel Range Organics [C10-C28] - RE	130	H B	120	97	ug/L	1		8015C	Total/NA
Arsenic	0.0032	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Barium	0.21		0.010	0.0030	mg/L	1		6010C	Total/NA
Chromium	0.015		0.010	0.0050	mg/L	1		6010C	Total/NA
Lead	0.027		0.010	0.0020	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Sample Summary

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
400-185239-1	TMW-1	Water	03/10/20 10:20	03/12/20 08:55	
400-185239-2	TMW-2	Water	03/10/20 11:20	03/12/20 08:55	
400-185239-3	TMW-3	Water	03/10/20 12:00	03/12/20 08:55	
400-185239-4	TMW-4	Water	03/10/20 12:30	03/12/20 08:55	
400-185239-5	TMW-5	Water	03/10/20 13:10	03/12/20 08:55	
400-185239-6	TMW-6	Water	03/10/20 14:00	03/12/20 08:55	
400-185239-7	TMW-7	Water	03/10/20 15:50	03/12/20 08:55	
400-185239-8	TMW-DUP	Water	03/10/20 10:40	03/12/20 08:55	

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Client Sample ID: TMW-1
Date Collected: 03/10/20 10:20
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.52		1.0	0.52	ug/L			03/23/20 12:20	1
1,1,1-Trichloroethane	<0.50		1.0	0.50	ug/L			03/23/20 12:20	1
1,1,2,2-Tetrachloroethane	<0.50		1.0	0.50	ug/L			03/23/20 12:20	1
1,1,2-Trichloroethane	<0.50		5.0	0.50	ug/L			03/23/20 12:20	1
1,1-Dichloroethane	<0.50		1.0	0.50	ug/L			03/23/20 12:20	1
1,1-Dichloroethene	<0.50		1.0	0.50	ug/L			03/23/20 12:20	1
1,1-Dichloropropene	<0.50		1.0	0.50	ug/L			03/23/20 12:20	1
1,2,3-Trichlorobenzene	<0.70		1.0	0.70	ug/L			03/23/20 12:20	1
1,2,3-Trichloropropane	<0.84		5.0	0.84	ug/L			03/23/20 12:20	1
1,2,4-Trichlorobenzene	<0.82		1.0	0.82	ug/L			03/23/20 12:20	1
1,2,4-Trimethylbenzene	<0.82		1.0	0.82	ug/L			03/23/20 12:20	1
1,2-Dibromo-3-Chloropropane	<1.5		5.0	1.5	ug/L			03/23/20 12:20	1
1,2-Dichlorobenzene	<0.50		1.0	0.50	ug/L			03/23/20 12:20	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			03/23/20 12:20	1
1,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/23/20 12:20	1
1,3,5-Trimethylbenzene	<0.56		1.0	0.56	ug/L			03/23/20 12:20	1
1,3-Dichlorobenzene	<0.54		1.0	0.54	ug/L			03/23/20 12:20	1
1,3-Dichloropropane	<0.50		1.0	0.50	ug/L			03/23/20 12:20	1
1,4-Dichlorobenzene	<0.64		1.0	0.64	ug/L			03/23/20 12:20	1
2,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/23/20 12:20	1
2-Butanone (MEK)	<2.6		25	2.6	ug/L			03/23/20 12:20	1
2-Chlorotoluene	<0.57		1.0	0.57	ug/L			03/23/20 12:20	1
2-Hexanone	<3.1		25	3.1	ug/L			03/23/20 12:20	1
4-Chlorotoluene	<0.56		1.0	0.56	ug/L			03/23/20 12:20	1
4-Isopropyltoluene	<0.71		1.0	0.71	ug/L			03/23/20 12:20	1
4-Methyl-2-pentanone (MIBK)	<1.8		25	1.8	ug/L			03/23/20 12:20	1
Acetone	<10		25	10	ug/L			03/23/20 12:20	1
Benzene	<0.38		1.0	0.38	ug/L			03/23/20 12:20	1
Bromobenzene	<0.54		1.0	0.54	ug/L			03/23/20 12:20	1
Bromoform	<0.71		5.0	0.71	ug/L			03/23/20 12:20	1
Bromomethane	<0.98		1.0	0.98	ug/L			03/23/20 12:20	1
Carbon disulfide	<0.50		1.0	0.50	ug/L			03/23/20 12:20	1
Carbon tetrachloride	<0.50		1.0	0.50	ug/L			03/23/20 12:20	1
Chlorobenzene	<0.50		1.0	0.50	ug/L			03/23/20 12:20	1
Chlorobromomethane	<0.52		1.0	0.52	ug/L			03/23/20 12:20	1
Chlorodibromomethane	<0.50		1.0	0.50	ug/L			03/23/20 12:20	1
Chloroethane	<0.76		1.0	0.76	ug/L			03/23/20 12:20	1
Chloroform	<0.60		1.0	0.60	ug/L			03/23/20 12:20	1
Chloromethane	<0.83		1.0	0.83	ug/L			03/23/20 12:20	1
cis-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/23/20 12:20	1
cis-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/23/20 12:20	1
Dibromomethane	<0.59		5.0	0.59	ug/L			03/23/20 12:20	1
Dichlorobromomethane	<0.50		1.0	0.50	ug/L			03/23/20 12:20	1
Dichlorodifluoromethane	<0.85		1.0	0.85	ug/L			03/23/20 12:20	1
Ethylbenzene	<0.50		1.0	0.50	ug/L			03/23/20 12:20	1
Ethylene Dibromide	<0.50		1.0	0.50	ug/L			03/23/20 12:20	1
Hexachlorobutadiene	<0.90		5.0	0.90	ug/L			03/23/20 12:20	1
Iodomethane	<0.90		1.0	0.90	ug/L			03/23/20 12:20	1
Isopropyl ether	<0.70		1.0	0.70	ug/L			03/23/20 12:20	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Client Sample ID: TMW-1
Date Collected: 03/10/20 10:20
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.53		1.0	0.53	ug/L			03/23/20 12:20	1
Methyl tert-butyl ether	<0.74		1.0	0.74	ug/L			03/23/20 12:20	1
Methylene Chloride	<3.0		5.0	3.0	ug/L			03/23/20 12:20	1
m-Xylene & p-Xylene	<1.6		5.0	1.6	ug/L			03/23/20 12:20	1
Naphthalene	<1.0		1.0	1.0	ug/L			03/23/20 12:20	1
n-Butylbenzene	<0.76		1.0	0.76	ug/L			03/23/20 12:20	1
N-Propylbenzene	<0.69		1.0	0.69	ug/L			03/23/20 12:20	1
o-Xylene	<0.60		5.0	0.60	ug/L			03/23/20 12:20	1
sec-Butylbenzene	<0.70		1.0	0.70	ug/L			03/23/20 12:20	1
Styrene	<1.0		1.0	1.0	ug/L			03/23/20 12:20	1
tert-Butylbenzene	<0.63		1.0	0.63	ug/L			03/23/20 12:20	1
Tetrachloroethene	<0.58		1.0	0.58	ug/L			03/23/20 12:20	1
Toluene	<0.41		1.0	0.41	ug/L			03/23/20 12:20	1
trans-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/23/20 12:20	1
trans-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/23/20 12:20	1
Trichloroethene	<0.50		1.0	0.50	ug/L			03/23/20 12:20	1
Trichlorofluoromethane	<0.52		1.0	0.52	ug/L			03/23/20 12:20	1
Vinyl acetate	<2.0		25	2.0	ug/L			03/23/20 12:20	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			03/23/20 12:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*84*		*78 - 118*		*03/23/20 12:20*	*1*
Dibromofluoromethane	*99*		*81 - 121*		*03/23/20 12:20*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*03/23/20 12:20*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 18:19	1
1,2,4,5-Tetrachlorobenzene	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 18:19	1
1,2,4-Trichlorobenzene	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 18:19	1
1,2-Dichlorobenzene	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 18:19	1
1,3-Dichlorobenzene	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 18:19	1
1,3-Dinitrobenzene	<1.0		10	1.0	ug/L		03/17/20 12:27	03/20/20 18:19	1
1,4-Dichlorobenzene	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 18:19	1
1,4-Dioxane	<1.0		10	1.0	ug/L		03/17/20 12:27	03/20/20 18:19	1
1-Methylnaphthalene	<0.16		10	0.16	ug/L		03/17/20 12:27	03/20/20 18:19	1
2,2'-oxybis(1-chloropropane)	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 18:19	1
2,3,4,6-Tetrachlorophenol	<1.7		10	1.7	ug/L		03/17/20 12:27	03/20/20 18:19	1
2,4,5-Trichlorophenol	<3.8		10	3.8	ug/L		03/17/20 12:27	03/20/20 18:19	1
2,4,6-Trichlorophenol	<3.6		10	3.6	ug/L		03/17/20 12:27	03/20/20 18:19	1
2,4-Dichlorophenol	<3.1		10	3.1	ug/L		03/17/20 12:27	03/20/20 18:19	1
2,4-Dimethylphenol	<3.6		10	3.6	ug/L		03/17/20 12:27	03/20/20 18:19	1
2,4-Dinitrophenol	<3.5		31	3.5	ug/L		03/17/20 12:27	03/20/20 18:19	1
2,4-Dinitrotoluene	<2.0		10	2.0	ug/L		03/17/20 12:27	03/20/20 18:19	1
2,6-Dinitrotoluene	<2.0		10	2.0	ug/L		03/17/20 12:27	03/20/20 18:19	1
2-Chloronaphthalene	<0.14		10	0.14	ug/L		03/17/20 12:27	03/20/20 18:19	1
2-Chlorophenol	<2.3		10	2.3	ug/L		03/17/20 12:27	03/20/20 18:19	1
2-Methylnaphthalene	<0.13		10	0.13	ug/L		03/17/20 12:27	03/20/20 18:19	1
2-Methylphenol	<1.9		10	1.9	ug/L		03/17/20 12:27	03/20/20 18:19	1
2-Nitroaniline	<2.3		10	2.3	ug/L		03/17/20 12:27	03/20/20 18:19	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Client Sample ID: TMW-1
Date Collected: 03/10/20 10:20
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-1
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<5.4		10	5.4	ug/L		03/17/20 12:27	03/20/20 18:19	1
3 & 4 Methylphenol	<0.40		21	0.40	ug/L		03/17/20 12:27	03/20/20 18:19	1
3,3'-Dichlorobenzidine	<2.7	* *1	10	2.7	ug/L		03/17/20 12:27	03/20/20 18:19	1
3-Nitroaniline	<1.9		10	1.9	ug/L		03/17/20 12:27	03/20/20 18:19	1
4,6-Dinitro-2-methylphenol	<1.7		10	1.7	ug/L		03/17/20 12:27	03/20/20 18:19	1
4-Bromophenyl phenyl ether	<0.21		10	0.21	ug/L		03/17/20 12:27	03/20/20 18:19	1
4-Chloro-3-methylphenol	<3.9		10	3.9	ug/L		03/17/20 12:27	03/20/20 18:19	1
4-Chloroaniline	<3.5	* *1	10	3.5	ug/L		03/17/20 12:27	03/20/20 18:19	1
4-Chlorophenyl phenyl ether	<2.1		10	2.1	ug/L		03/17/20 12:27	03/20/20 18:19	1
4-Nitroaniline	<1.6		10	1.6	ug/L		03/17/20 12:27	03/20/20 18:19	1
4-Nitrophenol	<2.2		10	2.2	ug/L		03/17/20 12:27	03/20/20 18:19	1
Acenaphthene	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 18:19	1
Acenaphthylene	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 18:19	1
Acetophenone	<0.14		10	0.14	ug/L		03/17/20 12:27	03/20/20 18:19	1
Aniline	<3.9	* *1	10	3.9	ug/L		03/17/20 12:27	03/20/20 18:19	1
Anthracene	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 18:19	1
Atrazine	<0.25		10	0.25	ug/L		03/17/20 12:27	03/20/20 18:19	1
Azobenzene	<1.0		10	1.0	ug/L		03/17/20 12:27	03/20/20 18:19	1
Benzaldehyde	<0.43		10	0.43	ug/L		03/17/20 12:27	03/20/20 18:19	1
Benzidine	<21	* *1	26	21	ug/L		03/17/20 12:27	03/20/20 18:19	1
Benzo[a]anthracene	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 18:19	1
Benzo[a]pyrene	**0.26**	**J**	10	0.12	ug/L		03/17/20 12:27	03/20/20 18:19	1
Benzo[b]fluoranthene	**0.25**	**J**	10	0.16	ug/L		03/17/20 12:27	03/20/20 18:19	1
Benzo[g,h,i]perylene	<0.24		10	0.24	ug/L		03/17/20 12:27	03/20/20 18:19	1
Benzo[k]fluoranthene	**0.33**	**J**	10	0.17	ug/L		03/17/20 12:27	03/20/20 18:19	1
Benzoic acid	<7.6		31	7.6	ug/L		03/17/20 12:27	03/20/20 18:19	1
Benzyl alcohol	<2.1		10	2.1	ug/L		03/17/20 12:27	03/20/20 18:19	1
Bis(2-chloroethoxy)methane	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 18:19	1
Bis(2-chloroethyl)ether	<2.8	*1	10	2.8	ug/L		03/17/20 12:27	03/20/20 18:19	1
Bis(2-ethylhexyl) phthalate	**13**		10	5.2	ug/L		03/17/20 12:27	03/20/20 18:19	1
Butyl benzyl phthalate	<0.20		10	0.20	ug/L		03/17/20 12:27	03/20/20 18:19	1
Caprolactam	<3.9		10	3.9	ug/L		03/17/20 12:27	03/20/20 18:19	1
Carbazole	<0.24		10	0.24	ug/L		03/17/20 12:27	03/20/20 18:19	1
Chrysene	<0.20		10	0.20	ug/L		03/17/20 12:27	03/20/20 18:19	1
Dibenz(a,h)anthracene	<0.25		10	0.25	ug/L		03/17/20 12:27	03/20/20 18:19	1
Dibenzofuran	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 18:19	1
Diethyl phthalate	<0.25		10	0.25	ug/L		03/17/20 12:27	03/20/20 18:19	1
Dimethyl phthalate	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 18:19	1
Di-n-butyl phthalate	<2.8		10	2.8	ug/L		03/17/20 12:27	03/20/20 18:19	1
Di-n-octyl phthalate	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 18:19	1
Fluoranthene	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 18:19	1
Fluorene	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 18:19	1
Hexachlorobenzene	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 18:19	1
Hexachlorobutadiene	<0.57		10	0.57	ug/L		03/17/20 12:27	03/20/20 18:19	1
Hexachlorocyclopentadiene	<2.7		21	2.7	ug/L		03/17/20 12:27	03/20/20 18:19	1
Hexachloroethane	<4.3		10	4.3	ug/L		03/17/20 12:27	03/20/20 18:19	1
Hexadecane	<1.0		10	1.0	ug/L		03/17/20 12:27	03/20/20 18:19	1
Indeno[1,2,3-cd]pyrene	<0.23		10	0.23	ug/L		03/17/20 12:27	03/20/20 18:19	1
Isophorone	<0.14		10	0.14	ug/L		03/17/20 12:27	03/20/20 18:19	1

Client Sample ID: TMW-1
Date Collected: 03/10/20 10:20
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-1
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 18:19	1
n-Decane	<1.0		10	1.0	ug/L		03/17/20 12:27	03/20/20 18:19	1
Nitrobenzene	<0.13		10	0.13	ug/L		03/17/20 12:27	03/20/20 18:19	1
N-Nitrosodimethylamine	<3.6		10	3.6	ug/L		03/17/20 12:27	03/20/20 18:19	1
N-Nitrosodi-n-propylamine	<3.4		10	3.4	ug/L		03/17/20 12:27	03/20/20 18:19	1
N-Nitrosodiphenylamine	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 18:19	1
n-Octadecane	<1.0		10	1.0	ug/L		03/17/20 12:27	03/20/20 18:19	1
Pentachlorophenol	<1.4		21	1.4	ug/L		03/17/20 12:27	03/20/20 18:19	1
Phenanthrene	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 18:19	1
Phenol	<2.7		10	2.7	ug/L		03/17/20 12:27	03/20/20 18:19	1
Pyrene	<0.22		10	0.22	ug/L		03/17/20 12:27	03/20/20 18:19	1
Pyridine	<3.3	* *1	10	3.3	ug/L		03/17/20 12:27	03/20/20 18:19	1
Sulfolane	<0.60		10	0.60	ug/L		03/17/20 12:27	03/20/20 18:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*26 - 150*	*03/17/20 12:27*	*03/20/20 18:19*	*1*
2-Fluorobiphenyl	*76*		*46 - 124*	*03/17/20 12:27*	*03/20/20 18:19*	*1*
2-Fluorophenol (Surr)	*52*		*13 - 113*	*03/17/20 12:27*	*03/20/20 18:19*	*1*
Nitrobenzene-d5 (Surr)	*74*		*36 - 126*	*03/17/20 12:27*	*03/20/20 18:19*	*1*
Phenol-d5 (Surr)	*71*		*17 - 127*	*03/17/20 12:27*	*03/20/20 18:19*	*1*
Terphenyl-d14 (Surr)	*89*		*44 - 149*	*03/17/20 12:27*	*03/20/20 18:19*	*1*

Method: 8015C - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<47		100	47	ug/L			03/15/20 15:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*104*		*78 - 119*		*03/15/20 15:49*	*1*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**370**	**B**	130	100	ug/L		03/16/20 09:27	03/17/20 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*109*		*40 - 140*	*03/16/20 09:27*	*03/17/20 18:09*	*1*

Method: 8015C - Diesel Range Organics (DRO) (GC) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**150**	**H B**	130	110	ug/L		03/20/20 08:49	03/23/20 14:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*93*		*40 - 140*	*03/20/20 08:49*	*03/23/20 14:47*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.12		0.56	0.12	ug/L		03/13/20 15:13	03/18/20 01:30	1
PCB-1221	<0.098		0.56	0.098	ug/L		03/13/20 15:13	03/18/20 01:30	1
PCB-1232	<0.044		0.56	0.044	ug/L		03/13/20 15:13	03/18/20 01:30	1
PCB-1242	<0.015		0.56	0.015	ug/L		03/13/20 15:13	03/18/20 01:30	1
PCB-1248	<0.0089		0.56	0.0089	ug/L		03/13/20 15:13	03/18/20 01:30	1
PCB-1254	<0.025		0.56	0.025	ug/L		03/13/20 15:13	03/18/20 01:30	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Client Sample ID: TMW-1

Date Collected: 03/10/20 10:20
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-1

Matrix: Water

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	<0.068		0.56	0.068	ug/L		03/13/20 15:13	03/18/20 01:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*50*		*10 - 125*	*03/13/20 15:13*	*03/18/20 01:30*	*1*
Tetrachloro-m-xylene	*63*		*46 - 150*	*03/13/20 15:13*	*03/18/20 01:30*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0035**	**J**	0.010	0.0030	mg/L		03/17/20 16:21	03/19/20 23:57	1
Barium	**0.21**		0.010	0.0030	mg/L		03/17/20 16:21	03/19/20 23:57	1
Cadmium	<0.0010		0.0050	0.0010	mg/L		03/17/20 16:21	03/19/20 23:57	1
Chromium	**0.016**		0.010	0.0050	mg/L		03/17/20 16:21	03/20/20 15:49	1
Lead	**0.028**		0.010	0.0020	mg/L		03/17/20 16:21	03/19/20 23:57	1
Selenium	<0.0080		0.020	0.0080	mg/L		03/17/20 16:21	03/19/20 23:57	1
Silver	<0.0010		0.0050	0.0010	mg/L		03/17/20 16:21	03/20/20 15:49	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		03/26/20 08:22	03/26/20 12:17	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Client Sample ID: TMW-2

Date Collected: 03/10/20 11:20
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-2

Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 18:44	1
1,2,4,5-Tetrachlorobenzene	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 18:44	1
1,2,4-Trichlorobenzene	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 18:44	1
1,2-Dichlorobenzene	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 18:44	1
1,3-Dichlorobenzene	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 18:44	1
1,3-Dinitrobenzene	<1.0		10	1.0	ug/L		03/17/20 12:27	03/20/20 18:44	1
1,4-Dichlorobenzene	<0.16		10	0.16	ug/L		03/17/20 12:27	03/20/20 18:44	1
1,4-Dioxane	<1.0		10	1.0	ug/L		03/17/20 12:27	03/20/20 18:44	1
1-Methylnaphthalene	<0.15		10	0.15	ug/L		03/17/20 12:27	03/20/20 18:44	1
2,2'-oxybis(1-chloropropane)	<0.16		10	0.16	ug/L		03/17/20 12:27	03/20/20 18:44	1
2,3,4,6-Tetrachlorophenol	<1.6		10	1.6	ug/L		03/17/20 12:27	03/20/20 18:44	1
2,4,5-Trichlorophenol	<3.7		10	3.7	ug/L		03/17/20 12:27	03/20/20 18:44	1
2,4,6-Trichlorophenol	<3.5		10	3.5	ug/L		03/17/20 12:27	03/20/20 18:44	1
2,4-Dichlorophenol	<3.0		10	3.0	ug/L		03/17/20 12:27	03/20/20 18:44	1
2,4-Dimethylphenol	<3.5		10	3.5	ug/L		03/17/20 12:27	03/20/20 18:44	1
2,4-Dinitrophenol	<3.4		30	3.4	ug/L		03/17/20 12:27	03/20/20 18:44	1
2,4-Dinitrotoluene	<1.9		10	1.9	ug/L		03/17/20 12:27	03/20/20 18:44	1
2,6-Dinitrotoluene	<1.9		10	1.9	ug/L		03/17/20 12:27	03/20/20 18:44	1
2-Chloronaphthalene	<0.14		10	0.14	ug/L		03/17/20 12:27	03/20/20 18:44	1
2-Chlorophenol	<2.2		10	2.2	ug/L		03/17/20 12:27	03/20/20 18:44	1
2-Methylnaphthalene	<0.13		10	0.13	ug/L		03/17/20 12:27	03/20/20 18:44	1
2-Methylphenol	<1.8		10	1.8	ug/L		03/17/20 12:27	03/20/20 18:44	1
2-Nitroaniline	<2.2		10	2.2	ug/L		03/17/20 12:27	03/20/20 18:44	1
2-Nitrophenol	<5.2		10	5.2	ug/L		03/17/20 12:27	03/20/20 18:44	1
3 & 4 Methylphenol	<0.39		20	0.39	ug/L		03/17/20 12:27	03/20/20 18:44	1
3,3'-Dichlorobenzidine	<2.6	* *1	10	2.6	ug/L		03/17/20 12:27	03/20/20 18:44	1
3-Nitroaniline	<1.8		10	1.8	ug/L		03/17/20 12:27	03/20/20 18:44	1
4,6-Dinitro-2-methylphenol	<1.6		10	1.6	ug/L		03/17/20 12:27	03/20/20 18:44	1
4-Bromophenyl phenyl ether	<0.20		10	0.20	ug/L		03/17/20 12:27	03/20/20 18:44	1
4-Chloro-3-methylphenol	<3.8		10	3.8	ug/L		03/17/20 12:27	03/20/20 18:44	1
4-Chloroaniline	<3.4	* *1	10	3.4	ug/L		03/17/20 12:27	03/20/20 18:44	1
4-Chlorophenyl phenyl ether	<2.0		10	2.0	ug/L		03/17/20 12:27	03/20/20 18:44	1
4-Nitroaniline	<1.5		10	1.5	ug/L		03/17/20 12:27	03/20/20 18:44	1
4-Nitrophenol	<2.1		10	2.1	ug/L		03/17/20 12:27	03/20/20 18:44	1
Acenaphthene	<0.16		10	0.16	ug/L		03/17/20 12:27	03/20/20 18:44	1
Acenaphthylene	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 18:44	1
Acetophenone	<0.14		10	0.14	ug/L		03/17/20 12:27	03/20/20 18:44	1
Aniline	<3.8	* *1	10	3.8	ug/L		03/17/20 12:27	03/20/20 18:44	1
Anthracene	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 18:44	1
Atrazine	<0.24		10	0.24	ug/L		03/17/20 12:27	03/20/20 18:44	1
Azobenzene	<1.0		10	1.0	ug/L		03/17/20 12:27	03/20/20 18:44	1
Benzaldehyde	<0.42		10	0.42	ug/L		03/17/20 12:27	03/20/20 18:44	1
Benzidine	<20	* *1	25	20	ug/L		03/17/20 12:27	03/20/20 18:44	1
Benzo[a]anthracene	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 18:44	1
Benzo[a]pyrene	**0.25**	**J**	10	0.12	ug/L		03/17/20 12:27	03/20/20 18:44	1
Benzo[b]fluoranthene	**0.28**	**J**	10	0.15	ug/L		03/17/20 12:27	03/20/20 18:44	1
Benzo[g,h,i]perylene	<0.23		10	0.23	ug/L		03/17/20 12:27	03/20/20 18:44	1
Benzo[k]fluoranthene	**0.26**	**J**	10	0.16	ug/L		03/17/20 12:27	03/20/20 18:44	1
Benzoic acid	<7.3		30	7.3	ug/L		03/17/20 12:27	03/20/20 18:44	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Client Sample ID: TMW-2
Date Collected: 03/10/20 11:20
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-2
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl alcohol	<2.0		10	2.0	ug/L		03/17/20 12:27	03/20/20 18:44	1
Bis(2-chloroethoxy)methane	<0.16		10	0.16	ug/L		03/17/20 12:27	03/20/20 18:44	1
Bis(2-chloroethyl)ether	<2.7	*1	10	2.7	ug/L		03/17/20 12:27	03/20/20 18:44	1
Bis(2-ethylhexyl) phthalate	**23**		10	5.0	ug/L		03/17/20 12:27	03/20/20 18:44	1
Butyl benzyl phthalate	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 18:44	1
Caprolactam	**6.9**	**J**	10	3.8	ug/L		03/17/20 12:27	03/20/20 18:44	1
Carbazole	<0.23		10	0.23	ug/L		03/17/20 12:27	03/20/20 18:44	1
Chrysene	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 18:44	1
Dibenz(a,h)anthracene	<0.24		10	0.24	ug/L		03/17/20 12:27	03/20/20 18:44	1
Dibenzofuran	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 18:44	1
Diethyl phthalate	<0.24		10	0.24	ug/L		03/17/20 12:27	03/20/20 18:44	1
Dimethyl phthalate	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 18:44	1
Di-n-butyl phthalate	<2.7		10	2.7	ug/L		03/17/20 12:27	03/20/20 18:44	1
Di-n-octyl phthalate	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 18:44	1
Fluoranthene	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 18:44	1
Fluorene	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 18:44	1
Hexachlorobenzene	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 18:44	1
Hexachlorobutadiene	<0.55		10	0.55	ug/L		03/17/20 12:27	03/20/20 18:44	1
Hexachlorocyclopentadiene	<2.6		20	2.6	ug/L		03/17/20 12:27	03/20/20 18:44	1
Hexachloroethane	<4.2		10	4.2	ug/L		03/17/20 12:27	03/20/20 18:44	1
Hexadecane	<1.0		10	1.0	ug/L		03/17/20 12:27	03/20/20 18:44	1
Indeno[1,2,3-cd]pyrene	<0.22		10	0.22	ug/L		03/17/20 12:27	03/20/20 18:44	1
Isophorone	<0.14		10	0.14	ug/L		03/17/20 12:27	03/20/20 18:44	1
Naphthalene	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 18:44	1
n-Decane	<1.0		10	1.0	ug/L		03/17/20 12:27	03/20/20 18:44	1
Nitrobenzene	<0.13		10	0.13	ug/L		03/17/20 12:27	03/20/20 18:44	1
N-Nitrosodimethylamine	<3.5		10	3.5	ug/L		03/17/20 12:27	03/20/20 18:44	1
N-Nitrosodi-n-propylamine	<3.3		10	3.3	ug/L		03/17/20 12:27	03/20/20 18:44	1
N-Nitrosodiphenylamine	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 18:44	1
n-Octadecane	<1.0		10	1.0	ug/L		03/17/20 12:27	03/20/20 18:44	1
Pentachlorophenol	<1.4		20	1.4	ug/L		03/17/20 12:27	03/20/20 18:44	1
Phenanthrene	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 18:44	1
Phenol	<2.6		10	2.6	ug/L		03/17/20 12:27	03/20/20 18:44	1
Pyrene	<0.21		10	0.21	ug/L		03/17/20 12:27	03/20/20 18:44	1
Pyridine	<3.2	* *1	10	3.2	ug/L		03/17/20 12:27	03/20/20 18:44	1
Sulfolane	<0.58		10	0.58	ug/L		03/17/20 12:27	03/20/20 18:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*26 - 150*	*03/17/20 12:27*	*03/20/20 18:44*	*1*
2-Fluorobiphenyl	*80*		*46 - 124*	*03/17/20 12:27*	*03/20/20 18:44*	*1*
2-Fluorophenol (Surr)	*39*		*13 - 113*	*03/17/20 12:27*	*03/20/20 18:44*	*1*
Nitrobenzene-d5 (Surr)	*77*		*36 - 126*	*03/17/20 12:27*	*03/20/20 18:44*	*1*
Phenol-d5 (Surr)	*66*		*17 - 127*	*03/17/20 12:27*	*03/20/20 18:44*	*1*
Terphenyl-d14 (Surr)	*92*		*44 - 149*	*03/17/20 12:27*	*03/20/20 18:44*	*1*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**410**	**B**	130	100	ug/L		03/16/20 09:27	03/17/20 18:19	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Client Sample ID: TMW-2

Date Collected: 03/10/20 11:20
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-2

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*100*		*40 - 140*	*03/16/20 09:27*	*03/17/20 18:19*	*1*

Method: 8015C - Diesel Range Organics (DRO) (GC) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**100**	**J H B**	130	100	ug/L		03/20/20 08:49	03/23/20 14:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*89*		*40 - 140*	*03/20/20 08:49*	*03/23/20 14:59*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.12		0.53	0.12	ug/L		03/13/20 15:13	03/18/20 06:05	1
PCB-1221	<0.094		0.53	0.094	ug/L		03/13/20 15:13	03/18/20 06:05	1
PCB-1232	<0.043		0.53	0.043	ug/L		03/13/20 15:13	03/18/20 06:05	1
PCB-1242	<0.014		0.53	0.014	ug/L		03/13/20 15:13	03/18/20 06:05	1
PCB-1248	<0.0085		0.53	0.0085	ug/L		03/13/20 15:13	03/18/20 06:05	1
PCB-1254	<0.024		0.53	0.024	ug/L		03/13/20 15:13	03/18/20 06:05	1
PCB-1260	<0.065		0.53	0.065	ug/L		03/13/20 15:13	03/18/20 06:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*58*		*10 - 125*	*03/13/20 15:13*	*03/18/20 06:05*	*1*
Tetrachloro-m-xylene	*63*		*46 - 150*	*03/13/20 15:13*	*03/18/20 06:05*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.012**		0.010	0.0030	mg/L		03/17/20 16:21	03/20/20 00:01	1
Barium	**0.13**		0.010	0.0030	mg/L		03/17/20 16:21	03/20/20 00:01	1
Cadmium	<0.0010		0.0050	0.0010	mg/L		03/17/20 16:21	03/20/20 00:01	1
Chromium	<0.0050		0.010	0.0050	mg/L		03/17/20 16:21	03/20/20 15:53	1
Lead	**0.0070**	**J**	0.010	0.0020	mg/L		03/17/20 16:21	03/20/20 00:01	1
Selenium	<0.0080		0.020	0.0080	mg/L		03/17/20 16:21	03/20/20 00:01	1
Silver	**0.0011**	**J**	0.0050	0.0010	mg/L		03/17/20 16:21	03/20/20 15:53	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		03/26/20 08:22	03/26/20 12:19	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Client Sample ID: TMW-3
Date Collected: 03/10/20 12:00
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.52		1.0	0.52	ug/L			03/23/20 12:46	1
1,1,1-Trichloroethane	<0.50		1.0	0.50	ug/L			03/23/20 12:46	1
1,1,2,2-Tetrachloroethane	<0.50		1.0	0.50	ug/L			03/23/20 12:46	1
1,1,2-Trichloroethane	<0.50		5.0	0.50	ug/L			03/23/20 12:46	1
1,1-Dichloroethane	<0.50		1.0	0.50	ug/L			03/23/20 12:46	1
1,1-Dichloroethene	<0.50		1.0	0.50	ug/L			03/23/20 12:46	1
1,1-Dichloropropene	<0.50		1.0	0.50	ug/L			03/23/20 12:46	1
1,2,3-Trichlorobenzene	<0.70		1.0	0.70	ug/L			03/23/20 12:46	1
1,2,3-Trichloropropane	<0.84		5.0	0.84	ug/L			03/23/20 12:46	1
1,2,4-Trichlorobenzene	<0.82		1.0	0.82	ug/L			03/23/20 12:46	1
1,2,4-Trimethylbenzene	<0.82		1.0	0.82	ug/L			03/23/20 12:46	1
1,2-Dibromo-3-Chloropropane	<1.5		5.0	1.5	ug/L			03/23/20 12:46	1
1,2-Dichlorobenzene	<0.50		1.0	0.50	ug/L			03/23/20 12:46	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			03/23/20 12:46	1
1,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/23/20 12:46	1
1,3,5-Trimethylbenzene	<0.56		1.0	0.56	ug/L			03/23/20 12:46	1
1,3-Dichlorobenzene	<0.54		1.0	0.54	ug/L			03/23/20 12:46	1
1,3-Dichloropropane	<0.50		1.0	0.50	ug/L			03/23/20 12:46	1
1,4-Dichlorobenzene	<0.64		1.0	0.64	ug/L			03/23/20 12:46	1
2,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/23/20 12:46	1
2-Butanone (MEK)	<2.6		25	2.6	ug/L			03/23/20 12:46	1
2-Chlorotoluene	<0.57		1.0	0.57	ug/L			03/23/20 12:46	1
2-Hexanone	<3.1		25	3.1	ug/L			03/23/20 12:46	1
4-Chlorotoluene	<0.56		1.0	0.56	ug/L			03/23/20 12:46	1
4-Isopropyltoluene	<0.71		1.0	0.71	ug/L			03/23/20 12:46	1
4-Methyl-2-pentanone (MIBK)	<1.8		25	1.8	ug/L			03/23/20 12:46	1
Acetone	<10		25	10	ug/L			03/23/20 12:46	1
Benzene	<0.38		1.0	0.38	ug/L			03/23/20 12:46	1
Bromobenzene	<0.54		1.0	0.54	ug/L			03/23/20 12:46	1
Bromoform	<0.71		5.0	0.71	ug/L			03/23/20 12:46	1
Bromomethane	<0.98		1.0	0.98	ug/L			03/23/20 12:46	1
Carbon disulfide	<0.50		1.0	0.50	ug/L			03/23/20 12:46	1
Carbon tetrachloride	<0.50		1.0	0.50	ug/L			03/23/20 12:46	1
Chlorobenzene	<0.50		1.0	0.50	ug/L			03/23/20 12:46	1
Chlorobromomethane	<0.52		1.0	0.52	ug/L			03/23/20 12:46	1
Chlorodibromomethane	<0.50		1.0	0.50	ug/L			03/23/20 12:46	1
Chloroethane	<0.76		1.0	0.76	ug/L			03/23/20 12:46	1
Chloroform	<0.60		1.0	0.60	ug/L			03/23/20 12:46	1
Chloromethane	<0.83		1.0	0.83	ug/L			03/23/20 12:46	1
cis-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/23/20 12:46	1
cis-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/23/20 12:46	1
Dibromomethane	<0.59		5.0	0.59	ug/L			03/23/20 12:46	1
Dichlorobromomethane	<0.50		1.0	0.50	ug/L			03/23/20 12:46	1
Dichlorodifluoromethane	<0.85		1.0	0.85	ug/L			03/23/20 12:46	1
Ethylbenzene	<0.50		1.0	0.50	ug/L			03/23/20 12:46	1
Ethylene Dibromide	<0.50		1.0	0.50	ug/L			03/23/20 12:46	1
Hexachlorobutadiene	<0.90		5.0	0.90	ug/L			03/23/20 12:46	1
Iodomethane	<0.90		1.0	0.90	ug/L			03/23/20 12:46	1
Isopropyl ether	<0.70		1.0	0.70	ug/L			03/23/20 12:46	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Client Sample ID: TMW-3

Date Collected: 03/10/20 12:00
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-3

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.53		1.0	0.53	ug/L			03/23/20 12:46	1
Methyl tert-butyl ether	<0.74		1.0	0.74	ug/L			03/23/20 12:46	1
Methylene Chloride	<3.0		5.0	3.0	ug/L			03/23/20 12:46	1
m-Xylene & p-Xylene	<1.6		5.0	1.6	ug/L			03/23/20 12:46	1
Naphthalene	<1.0		1.0	1.0	ug/L			03/23/20 12:46	1
n-Butylbenzene	<0.76		1.0	0.76	ug/L			03/23/20 12:46	1
N-Propylbenzene	<0.69		1.0	0.69	ug/L			03/23/20 12:46	1
o-Xylene	<0.60		5.0	0.60	ug/L			03/23/20 12:46	1
sec-Butylbenzene	<0.70		1.0	0.70	ug/L			03/23/20 12:46	1
Styrene	<1.0		1.0	1.0	ug/L			03/23/20 12:46	1
tert-Butylbenzene	<0.63		1.0	0.63	ug/L			03/23/20 12:46	1
Tetrachloroethene	<0.58		1.0	0.58	ug/L			03/23/20 12:46	1
Toluene	<0.41		1.0	0.41	ug/L			03/23/20 12:46	1
trans-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/23/20 12:46	1
trans-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/23/20 12:46	1
Trichloroethene	<0.50		1.0	0.50	ug/L			03/23/20 12:46	1
Trichlorofluoromethane	<0.52		1.0	0.52	ug/L			03/23/20 12:46	1
Vinyl acetate	<2.0		25	2.0	ug/L			03/23/20 12:46	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			03/23/20 12:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*83*		*78 - 118*		*03/23/20 12:46*	*1*
Dibromofluoromethane	*96*		*81 - 121*		*03/23/20 12:46*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*03/23/20 12:46*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 19:10	1
1,2,4,5-Tetrachlorobenzene	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 19:10	1
1,2,4-Trichlorobenzene	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 19:10	1
1,2-Dichlorobenzene	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 19:10	1
1,3-Dichlorobenzene	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 19:10	1
1,3-Dinitrobenzene	<1.0		10	1.0	ug/L		03/17/20 12:27	03/20/20 19:10	1
1,4-Dichlorobenzene	<0.16		10	0.16	ug/L		03/17/20 12:27	03/20/20 19:10	1
1,4-Dioxane	<1.0		10	1.0	ug/L		03/17/20 12:27	03/20/20 19:10	1
1-Methylnaphthalene	<0.15		10	0.15	ug/L		03/17/20 12:27	03/20/20 19:10	1
2,2'-oxybis(1-chloropropane)	<0.16		10	0.16	ug/L		03/17/20 12:27	03/20/20 19:10	1
2,3,4,6-Tetrachlorophenol	<1.6		10	1.6	ug/L		03/17/20 12:27	03/20/20 19:10	1
2,4,5-Trichlorophenol	<3.7		10	3.7	ug/L		03/17/20 12:27	03/20/20 19:10	1
2,4,6-Trichlorophenol	<3.5		10	3.5	ug/L		03/17/20 12:27	03/20/20 19:10	1
2,4-Dichlorophenol	<3.0		10	3.0	ug/L		03/17/20 12:27	03/20/20 19:10	1
2,4-Dimethylphenol	<3.5		10	3.5	ug/L		03/17/20 12:27	03/20/20 19:10	1
2,4-Dinitrophenol	<3.4		30	3.4	ug/L		03/17/20 12:27	03/20/20 19:10	1
2,4-Dinitrotoluene	<1.9		10	1.9	ug/L		03/17/20 12:27	03/20/20 19:10	1
2,6-Dinitrotoluene	<1.9		10	1.9	ug/L		03/17/20 12:27	03/20/20 19:10	1
2-Chloronaphthalene	<0.14		10	0.14	ug/L		03/17/20 12:27	03/20/20 19:10	1
2-Chlorophenol	<2.2		10	2.2	ug/L		03/17/20 12:27	03/20/20 19:10	1
2-Methylnaphthalene	<0.13		10	0.13	ug/L		03/17/20 12:27	03/20/20 19:10	1
2-Methylphenol	<1.8		10	1.8	ug/L		03/17/20 12:27	03/20/20 19:10	1
2-Nitroaniline	<2.2		10	2.2	ug/L		03/17/20 12:27	03/20/20 19:10	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Client Sample ID: TMW-3
Date Collected: 03/10/20 12:00
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-3
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<5.2		10	5.2	ug/L		03/17/20 12:27	03/20/20 19:10	1
3 & 4 Methylphenol	<0.39		20	0.39	ug/L		03/17/20 12:27	03/20/20 19:10	1
3,3'-Dichlorobenzidine	<2.6	* *1	10	2.6	ug/L		03/17/20 12:27	03/20/20 19:10	1
3-Nitroaniline	<1.8		10	1.8	ug/L		03/17/20 12:27	03/20/20 19:10	1
4,6-Dinitro-2-methylphenol	<1.6		10	1.6	ug/L		03/17/20 12:27	03/20/20 19:10	1
4-Bromophenyl phenyl ether	<0.20		10	0.20	ug/L		03/17/20 12:27	03/20/20 19:10	1
4-Chloro-3-methylphenol	<3.8		10	3.8	ug/L		03/17/20 12:27	03/20/20 19:10	1
4-Chloroaniline	<3.4	* *1	10	3.4	ug/L		03/17/20 12:27	03/20/20 19:10	1
4-Chlorophenyl phenyl ether	<2.0		10	2.0	ug/L		03/17/20 12:27	03/20/20 19:10	1
4-Nitroaniline	<1.5		10	1.5	ug/L		03/17/20 12:27	03/20/20 19:10	1
4-Nitrophenol	<2.1		10	2.1	ug/L		03/17/20 12:27	03/20/20 19:10	1
Acenaphthene	<0.16		10	0.16	ug/L		03/17/20 12:27	03/20/20 19:10	1
Acenaphthylene	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 19:10	1
Acetophenone	<0.14		10	0.14	ug/L		03/17/20 12:27	03/20/20 19:10	1
Aniline	<3.8	* *1	10	3.8	ug/L		03/17/20 12:27	03/20/20 19:10	1
Anthracene	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 19:10	1
Atrazine	<0.24		10	0.24	ug/L		03/17/20 12:27	03/20/20 19:10	1
Azobenzene	<1.0		10	1.0	ug/L		03/17/20 12:27	03/20/20 19:10	1
Benzaldehyde	<0.42		10	0.42	ug/L		03/17/20 12:27	03/20/20 19:10	1
Benzidine	<20	* *1	25	20	ug/L		03/17/20 12:27	03/20/20 19:10	1
Benzo[a]anthracene	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 19:10	1
Benzo[a]pyrene	**0.24**	**J**	10	0.12	ug/L		03/17/20 12:27	03/20/20 19:10	1
Benzo[b]fluoranthene	**0.19**	**J**	10	0.15	ug/L		03/17/20 12:27	03/20/20 19:10	1
Benzo[g,h,i]perylene	<0.23		10	0.23	ug/L		03/17/20 12:27	03/20/20 19:10	1
Benzo[k]fluoranthene	**0.21**	**J**	10	0.16	ug/L		03/17/20 12:27	03/20/20 19:10	1
Benzoic acid	<7.3		30	7.3	ug/L		03/17/20 12:27	03/20/20 19:10	1
Benzyl alcohol	<2.0		10	2.0	ug/L		03/17/20 12:27	03/20/20 19:10	1
Bis(2-chloroethoxy)methane	<0.16		10	0.16	ug/L		03/17/20 12:27	03/20/20 19:10	1
Bis(2-chloroethyl)ether	<2.7	*1	10	2.7	ug/L		03/17/20 12:27	03/20/20 19:10	1
Bis(2-ethylhexyl) phthalate	**11**		10	5.0	ug/L		03/17/20 12:27	03/20/20 19:10	1
Butyl benzyl phthalate	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 19:10	1
Caprolactam	<3.8		10	3.8	ug/L		03/17/20 12:27	03/20/20 19:10	1
Carbazole	<0.23		10	0.23	ug/L		03/17/20 12:27	03/20/20 19:10	1
Chrysene	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 19:10	1
Dibenz(a,h)anthracene	<0.24		10	0.24	ug/L		03/17/20 12:27	03/20/20 19:10	1
Dibenzofuran	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 19:10	1
Diethyl phthalate	<0.24		10	0.24	ug/L		03/17/20 12:27	03/20/20 19:10	1
Dimethyl phthalate	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 19:10	1
Di-n-butyl phthalate	<2.7		10	2.7	ug/L		03/17/20 12:27	03/20/20 19:10	1
Di-n-octyl phthalate	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 19:10	1
Fluoranthene	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 19:10	1
Fluorene	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 19:10	1
Hexachlorobenzene	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 19:10	1
Hexachlorobutadiene	<0.55		10	0.55	ug/L		03/17/20 12:27	03/20/20 19:10	1
Hexachlorocyclopentadiene	<2.6		20	2.6	ug/L		03/17/20 12:27	03/20/20 19:10	1
Hexachloroethane	<4.2		10	4.2	ug/L		03/17/20 12:27	03/20/20 19:10	1
Hexadecane	<1.0		10	1.0	ug/L		03/17/20 12:27	03/20/20 19:10	1
Indeno[1,2,3-cd]pyrene	<0.22		10	0.22	ug/L		03/17/20 12:27	03/20/20 19:10	1
Isophorone	<0.14		10	0.14	ug/L		03/17/20 12:27	03/20/20 19:10	1

Client Sample ID: TMW-3

Date Collected: 03/10/20 12:00
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-3

Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 19:10	1
n-Decane	<1.0		10	1.0	ug/L		03/17/20 12:27	03/20/20 19:10	1
Nitrobenzene	<0.13		10	0.13	ug/L		03/17/20 12:27	03/20/20 19:10	1
N-Nitrosodimethylamine	<3.5		10	3.5	ug/L		03/17/20 12:27	03/20/20 19:10	1
N-Nitrosodi-n-propylamine	<3.3		10	3.3	ug/L		03/17/20 12:27	03/20/20 19:10	1
N-Nitrosodiphenylamine	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 19:10	1
n-Octadecane	<1.0		10	1.0	ug/L		03/17/20 12:27	03/20/20 19:10	1
Pentachlorophenol	<1.4		20	1.4	ug/L		03/17/20 12:27	03/20/20 19:10	1
Phenanthrene	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 19:10	1
Phenol	<2.6		10	2.6	ug/L		03/17/20 12:27	03/20/20 19:10	1
Pyrene	<0.21		10	0.21	ug/L		03/17/20 12:27	03/20/20 19:10	1
Pyridine	<3.2	* *1	10	3.2	ug/L		03/17/20 12:27	03/20/20 19:10	1
Sulfolane	<0.58		10	0.58	ug/L		03/17/20 12:27	03/20/20 19:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*26 - 150*	*03/17/20 12:27*	*03/20/20 19:10*	*1*
2-Fluorobiphenyl	*74*		*46 - 124*	*03/17/20 12:27*	*03/20/20 19:10*	*1*
2-Fluorophenol (Surr)	*47*		*13 - 113*	*03/17/20 12:27*	*03/20/20 19:10*	*1*
Nitrobenzene-d5 (Surr)	*75*		*36 - 126*	*03/17/20 12:27*	*03/20/20 19:10*	*1*
Phenol-d5 (Surr)	*68*		*17 - 127*	*03/17/20 12:27*	*03/20/20 19:10*	*1*
Terphenyl-d14 (Surr)	*86*		*44 - 149*	*03/17/20 12:27*	*03/20/20 19:10*	*1*

Method: 8015C - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<47		100	47	ug/L			03/15/20 13:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*103*		*78 - 119*		*03/15/20 13:51*	*1*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**220**	**B**	120	98	ug/L		03/16/20 09:27	03/17/20 18:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*102*		*40 - 140*	*03/16/20 09:27*	*03/17/20 18:28*	*1*

Method: 8015C - Diesel Range Organics (DRO) (GC) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**100**	**J H B**	120	94	ug/L		03/20/20 08:49	03/23/20 15:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*90*		*40 - 140*	*03/20/20 08:49*	*03/23/20 15:11*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.12		0.53	0.12	ug/L		03/13/20 15:13	03/18/20 06:30	1
PCB-1221	<0.093		0.53	0.093	ug/L		03/13/20 15:13	03/18/20 06:30	1
PCB-1232	<0.042		0.53	0.042	ug/L		03/13/20 15:13	03/18/20 06:30	1
PCB-1242	<0.014		0.53	0.014	ug/L		03/13/20 15:13	03/18/20 06:30	1
PCB-1248	<0.0085		0.53	0.0085	ug/L		03/13/20 15:13	03/18/20 06:30	1
PCB-1254	<0.024		0.53	0.024	ug/L		03/13/20 15:13	03/18/20 06:30	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Client Sample ID: TMW-3

Date Collected: 03/10/20 12:00
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-3

Matrix: Water

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	<0.065		0.53	0.065	ug/L		03/13/20 15:13	03/18/20 06:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*46*		*10 - 125*	*03/13/20 15:13*	*03/18/20 06:30*	*1*
Tetrachloro-m-xylene	*71*		*46 - 150*	*03/13/20 15:13*	*03/18/20 06:30*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0037**	**J**	0.010	0.0030	mg/L		03/17/20 16:21	03/20/20 00:04	1
Barium	**0.033**		0.010	0.0030	mg/L		03/17/20 16:21	03/20/20 00:04	1
Cadmium	<0.0010		0.0050	0.0010	mg/L		03/17/20 16:21	03/20/20 00:04	1
Chromium	<0.0050		0.010	0.0050	mg/L		03/17/20 16:21	03/20/20 15:56	1
Lead	**0.0023**	**J**	0.010	0.0020	mg/L		03/17/20 16:21	03/20/20 00:04	1
Selenium	<0.0080		0.020	0.0080	mg/L		03/17/20 16:21	03/20/20 00:04	1
Silver	<0.0010		0.0050	0.0010	mg/L		03/17/20 16:21	03/20/20 15:56	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		03/26/20 08:22	03/26/20 12:21	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Client Sample ID: TMW-4
Date Collected: 03/10/20 12:30
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.52		1.0	0.52	ug/L			03/23/20 13:12	1
1,1,1-Trichloroethane	<0.50		1.0	0.50	ug/L			03/23/20 13:12	1
1,1,2,2-Tetrachloroethane	<0.50		1.0	0.50	ug/L			03/23/20 13:12	1
1,1,2-Trichloroethane	<0.50		5.0	0.50	ug/L			03/23/20 13:12	1
1,1-Dichloroethane	<0.50		1.0	0.50	ug/L			03/23/20 13:12	1
1,1-Dichloroethene	<0.50		1.0	0.50	ug/L			03/23/20 13:12	1
1,1-Dichloropropene	<0.50		1.0	0.50	ug/L			03/23/20 13:12	1
1,2,3-Trichlorobenzene	<0.70		1.0	0.70	ug/L			03/23/20 13:12	1
1,2,3-Trichloropropane	<0.84		5.0	0.84	ug/L			03/23/20 13:12	1
1,2,4-Trichlorobenzene	<0.82		1.0	0.82	ug/L			03/23/20 13:12	1
1,2,4-Trimethylbenzene	<0.82		1.0	0.82	ug/L			03/23/20 13:12	1
1,2-Dibromo-3-Chloropropane	<1.5		5.0	1.5	ug/L			03/23/20 13:12	1
1,2-Dichlorobenzene	<0.50		1.0	0.50	ug/L			03/23/20 13:12	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			03/23/20 13:12	1
1,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/23/20 13:12	1
1,3,5-Trimethylbenzene	<0.56		1.0	0.56	ug/L			03/23/20 13:12	1
1,3-Dichlorobenzene	<0.54		1.0	0.54	ug/L			03/23/20 13:12	1
1,3-Dichloropropane	<0.50		1.0	0.50	ug/L			03/23/20 13:12	1
1,4-Dichlorobenzene	<0.64		1.0	0.64	ug/L			03/23/20 13:12	1
2,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/23/20 13:12	1
2-Butanone (MEK)	<2.6		25	2.6	ug/L			03/23/20 13:12	1
2-Chlorotoluene	<0.57		1.0	0.57	ug/L			03/23/20 13:12	1
2-Hexanone	<3.1		25	3.1	ug/L			03/23/20 13:12	1
4-Chlorotoluene	<0.56		1.0	0.56	ug/L			03/23/20 13:12	1
4-Isopropyltoluene	<0.71		1.0	0.71	ug/L			03/23/20 13:12	1
4-Methyl-2-pentanone (MIBK)	<1.8		25	1.8	ug/L			03/23/20 13:12	1
Acetone	<10		25	10	ug/L			03/23/20 13:12	1
Benzene	<0.38		1.0	0.38	ug/L			03/23/20 13:12	1
Bromobenzene	<0.54		1.0	0.54	ug/L			03/23/20 13:12	1
Bromoform	<0.71		5.0	0.71	ug/L			03/23/20 13:12	1
Bromomethane	<0.98		1.0	0.98	ug/L			03/23/20 13:12	1
Carbon disulfide	<0.50		1.0	0.50	ug/L			03/23/20 13:12	1
Carbon tetrachloride	<0.50		1.0	0.50	ug/L			03/23/20 13:12	1
Chlorobenzene	<0.50		1.0	0.50	ug/L			03/23/20 13:12	1
Chlorobromomethane	<0.52		1.0	0.52	ug/L			03/23/20 13:12	1
Chlorodibromomethane	<0.50		1.0	0.50	ug/L			03/23/20 13:12	1
Chloroethane	<0.76		1.0	0.76	ug/L			03/23/20 13:12	1
Chloroform	<0.60		1.0	0.60	ug/L			03/23/20 13:12	1
Chloromethane	<0.83		1.0	0.83	ug/L			03/23/20 13:12	1
cis-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/23/20 13:12	1
cis-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/23/20 13:12	1
Dibromomethane	<0.59		5.0	0.59	ug/L			03/23/20 13:12	1
Dichlorobromomethane	<0.50		1.0	0.50	ug/L			03/23/20 13:12	1
Dichlorodifluoromethane	<0.85		1.0	0.85	ug/L			03/23/20 13:12	1
Ethylbenzene	<0.50		1.0	0.50	ug/L			03/23/20 13:12	1
Ethylene Dibromide	<0.50		1.0	0.50	ug/L			03/23/20 13:12	1
Hexachlorobutadiene	<0.90		5.0	0.90	ug/L			03/23/20 13:12	1
Iodomethane	<0.90		1.0	0.90	ug/L			03/23/20 13:12	1
Isopropyl ether	<0.70		1.0	0.70	ug/L			03/23/20 13:12	1

Client Sample ID: TMW-4
Date Collected: 03/10/20 12:30
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.53		1.0	0.53	ug/L			03/23/20 13:12	1
Methyl tert-butyl ether	<0.74		1.0	0.74	ug/L			03/23/20 13:12	1
Methylene Chloride	<3.0		5.0	3.0	ug/L			03/23/20 13:12	1
m-Xylene & p-Xylene	<1.6		5.0	1.6	ug/L			03/23/20 13:12	1
Naphthalene	<1.0		1.0	1.0	ug/L			03/23/20 13:12	1
n-Butylbenzene	<0.76		1.0	0.76	ug/L			03/23/20 13:12	1
N-Propylbenzene	<0.69		1.0	0.69	ug/L			03/23/20 13:12	1
o-Xylene	<0.60		5.0	0.60	ug/L			03/23/20 13:12	1
sec-Butylbenzene	<0.70		1.0	0.70	ug/L			03/23/20 13:12	1
Styrene	<1.0		1.0	1.0	ug/L			03/23/20 13:12	1
tert-Butylbenzene	<0.63		1.0	0.63	ug/L			03/23/20 13:12	1
Tetrachloroethene	<0.58		1.0	0.58	ug/L			03/23/20 13:12	1
Toluene	<0.41		1.0	0.41	ug/L			03/23/20 13:12	1
trans-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/23/20 13:12	1
trans-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/23/20 13:12	1
Trichloroethene	<0.50		1.0	0.50	ug/L			03/23/20 13:12	1
Trichlorofluoromethane	<0.52		1.0	0.52	ug/L			03/23/20 13:12	1
Vinyl acetate	<2.0		25	2.0	ug/L			03/23/20 13:12	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			03/23/20 13:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*81*		*78 - 118*		*03/23/20 13:12*	*1*
Dibromofluoromethane	*98*		*81 - 121*		*03/23/20 13:12*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*03/23/20 13:12*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 19:35	1
1,2,4,5-Tetrachlorobenzene	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 19:35	1
1,2,4-Trichlorobenzene	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 19:35	1
1,2-Dichlorobenzene	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 19:35	1
1,3-Dichlorobenzene	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 19:35	1
1,3-Dinitrobenzene	<1.0		10	1.0	ug/L		03/17/20 12:27	03/20/20 19:35	1
1,4-Dichlorobenzene	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 19:35	1
1,4-Dioxane	<1.0		10	1.0	ug/L		03/17/20 12:27	03/20/20 19:35	1
1-Methylnaphthalene	<0.16		10	0.16	ug/L		03/17/20 12:27	03/20/20 19:35	1
2,2'-oxybis(1-chloropropane)	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 19:35	1
2,3,4,6-Tetrachlorophenol	<1.7		10	1.7	ug/L		03/17/20 12:27	03/20/20 19:35	1
2,4,5-Trichlorophenol	<3.9		10	3.9	ug/L		03/17/20 12:27	03/20/20 19:35	1
2,4,6-Trichlorophenol	<3.6		10	3.6	ug/L		03/17/20 12:27	03/20/20 19:35	1
2,4-Dichlorophenol	<3.1		10	3.1	ug/L		03/17/20 12:27	03/20/20 19:35	1
2,4-Dimethylphenol	<3.6		10	3.6	ug/L		03/17/20 12:27	03/20/20 19:35	1
2,4-Dinitrophenol	<3.5		31	3.5	ug/L		03/17/20 12:27	03/20/20 19:35	1
2,4-Dinitrotoluene	<2.0		10	2.0	ug/L		03/17/20 12:27	03/20/20 19:35	1
2,6-Dinitrotoluene	<2.0		10	2.0	ug/L		03/17/20 12:27	03/20/20 19:35	1
2-Chloronaphthalene	<0.15		10	0.15	ug/L		03/17/20 12:27	03/20/20 19:35	1
2-Chlorophenol	<2.3		10	2.3	ug/L		03/17/20 12:27	03/20/20 19:35	1
2-Methylnaphthalene	<0.14		10	0.14	ug/L		03/17/20 12:27	03/20/20 19:35	1
2-Methylphenol	<1.9		10	1.9	ug/L		03/17/20 12:27	03/20/20 19:35	1
2-Nitroaniline	<2.3		10	2.3	ug/L		03/17/20 12:27	03/20/20 19:35	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Client Sample ID: TMW-4
Date Collected: 03/10/20 12:30
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-4
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<5.4		10	5.4	ug/L		03/17/20 12:27	03/20/20 19:35	1
3 & 4 Methylphenol	<0.41		21	0.41	ug/L		03/17/20 12:27	03/20/20 19:35	1
3,3'-Dichlorobenzidine	<2.7	* *1	10	2.7	ug/L		03/17/20 12:27	03/20/20 19:35	1
3-Nitroaniline	<1.9		10	1.9	ug/L		03/17/20 12:27	03/20/20 19:35	1
4,6-Dinitro-2-methylphenol	<1.7		10	1.7	ug/L		03/17/20 12:27	03/20/20 19:35	1
4-Bromophenyl phenyl ether	<0.21		10	0.21	ug/L		03/17/20 12:27	03/20/20 19:35	1
4-Chloro-3-methylphenol	<4.0		10	4.0	ug/L		03/17/20 12:27	03/20/20 19:35	1
4-Chloroaniline	<3.5	* *1	10	3.5	ug/L		03/17/20 12:27	03/20/20 19:35	1
4-Chlorophenyl phenyl ether	<2.1		10	2.1	ug/L		03/17/20 12:27	03/20/20 19:35	1
4-Nitroaniline	<1.6		10	1.6	ug/L		03/17/20 12:27	03/20/20 19:35	1
4-Nitrophenol	<2.2		10	2.2	ug/L		03/17/20 12:27	03/20/20 19:35	1
Acenaphthene	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 19:35	1
Acenaphthylene	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 19:35	1
Acetophenone	<0.15		10	0.15	ug/L		03/17/20 12:27	03/20/20 19:35	1
Aniline	<4.0	* *1	10	4.0	ug/L		03/17/20 12:27	03/20/20 19:35	1
Anthracene	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 19:35	1
Atrazine	<0.25		10	0.25	ug/L		03/17/20 12:27	03/20/20 19:35	1
Azobenzene	<1.0		10	1.0	ug/L		03/17/20 12:27	03/20/20 19:35	1
Benzaldehyde	<0.44		10	0.44	ug/L		03/17/20 12:27	03/20/20 19:35	1
Benzidine	<21	* *1	26	21	ug/L		03/17/20 12:27	03/20/20 19:35	1
Benzo[a]anthracene	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 19:35	1
Benzo[a]pyrene	<0.13		10	0.13	ug/L		03/17/20 12:27	03/20/20 19:35	1
Benzo[b]fluoranthene	<0.16		10	0.16	ug/L		03/17/20 12:27	03/20/20 19:35	1
Benzo[g,h,i]perylene	<0.24		10	0.24	ug/L		03/17/20 12:27	03/20/20 19:35	1
Benzo[k]fluoranthene	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 19:35	1
Benzoic acid	<7.6		31	7.6	ug/L		03/17/20 12:27	03/20/20 19:35	1
Benzyl alcohol	<2.1		10	2.1	ug/L		03/17/20 12:27	03/20/20 19:35	1
Bis(2-chloroethoxy)methane	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 19:35	1
Bis(2-chloroethyl)ether	<2.8	*1	10	2.8	ug/L		03/17/20 12:27	03/20/20 19:35	1
Bis(2-ethylhexyl) phthalate	<5.2		10	5.2	ug/L		03/17/20 12:27	03/20/20 19:35	1
Butyl benzyl phthalate	<0.20		10	0.20	ug/L		03/17/20 12:27	03/20/20 19:35	1
Caprolactam	<4.0		10	4.0	ug/L		03/17/20 12:27	03/20/20 19:35	1
Carbazole	<0.24		10	0.24	ug/L		03/17/20 12:27	03/20/20 19:35	1
Chrysene	<0.20		10	0.20	ug/L		03/17/20 12:27	03/20/20 19:35	1
Dibenz(a,h)anthracene	<0.25		10	0.25	ug/L		03/17/20 12:27	03/20/20 19:35	1
Dibenzofuran	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 19:35	1
Diethyl phthalate	<0.25		10	0.25	ug/L		03/17/20 12:27	03/20/20 19:35	1
Dimethyl phthalate	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 19:35	1
Di-n-butyl phthalate	<2.8		10	2.8	ug/L		03/17/20 12:27	03/20/20 19:35	1
Di-n-octyl phthalate	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 19:35	1
Fluoranthene	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 19:35	1
Fluorene	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 19:35	1
Hexachlorobenzene	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 19:35	1
Hexachlorobutadiene	<0.57		10	0.57	ug/L		03/17/20 12:27	03/20/20 19:35	1
Hexachlorocyclopentadiene	<2.7		21	2.7	ug/L		03/17/20 12:27	03/20/20 19:35	1
Hexachloroethane	<4.4		10	4.4	ug/L		03/17/20 12:27	03/20/20 19:35	1
Hexadecane	<1.0		10	1.0	ug/L		03/17/20 12:27	03/20/20 19:35	1
Indeno[1,2,3-cd]pyrene	<0.23		10	0.23	ug/L		03/17/20 12:27	03/20/20 19:35	1
Isophorone	<0.15		10	0.15	ug/L		03/17/20 12:27	03/20/20 19:35	1

Client Sample ID: TMW-4

Date Collected: 03/10/20 12:30
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-4

Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 19:35	1
n-Decane	<1.0		10	1.0	ug/L		03/17/20 12:27	03/20/20 19:35	1
Nitrobenzene	<0.14		10	0.14	ug/L		03/17/20 12:27	03/20/20 19:35	1
N-Nitrosodimethylamine	<3.6		10	3.6	ug/L		03/17/20 12:27	03/20/20 19:35	1
N-Nitrosodi-n-propylamine	<3.4		10	3.4	ug/L		03/17/20 12:27	03/20/20 19:35	1
N-Nitrosodiphenylamine	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 19:35	1
n-Octadecane	<1.0		10	1.0	ug/L		03/17/20 12:27	03/20/20 19:35	1
Pentachlorophenol	<1.5		21	1.5	ug/L		03/17/20 12:27	03/20/20 19:35	1
Phenanthrene	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 19:35	1
Phenol	<2.7		10	2.7	ug/L		03/17/20 12:27	03/20/20 19:35	1
Pyrene	<0.22		10	0.22	ug/L		03/17/20 12:27	03/20/20 19:35	1
Pyridine	<3.3	* *1	10	3.3	ug/L		03/17/20 12:27	03/20/20 19:35	1
Sulfolane	<0.60		10	0.60	ug/L		03/17/20 12:27	03/20/20 19:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*26 - 150*	*03/17/20 12:27*	*03/20/20 19:35*	*1*
2-Fluorobiphenyl	*72*		*46 - 124*	*03/17/20 12:27*	*03/20/20 19:35*	*1*
2-Fluorophenol (Surr)	*22*		*13 - 113*	*03/17/20 12:27*	*03/20/20 19:35*	*1*
Nitrobenzene-d5 (Surr)	*71*		*36 - 126*	*03/17/20 12:27*	*03/20/20 19:35*	*1*
Phenol-d5 (Surr)	*39*		*17 - 127*	*03/17/20 12:27*	*03/20/20 19:35*	*1*
Terphenyl-d14 (Surr)	*91*		*44 - 149*	*03/17/20 12:27*	*03/20/20 19:35*	*1*

Method: 8015C - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<47		100	47	ug/L			03/15/20 16:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*104*		*78 - 119*		*03/15/20 16:20*	*1*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**270**	**B**	120	95	ug/L		03/16/20 09:27	03/17/20 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*93*		*40 - 140*	*03/16/20 09:27*	*03/17/20 18:38*	*1*

Method: 8015C - Diesel Range Organics (DRO) (GC) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**98**	**J H B**	120	98	ug/L		03/20/20 08:49	03/23/20 15:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*89*		*40 - 140*	*03/20/20 08:49*	*03/23/20 15:22*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.11		0.50	0.11	ug/L		03/13/20 15:13	03/18/20 06:55	1
PCB-1221	<0.089		0.50	0.089	ug/L		03/13/20 15:13	03/18/20 06:55	1
PCB-1232	<0.040		0.50	0.040	ug/L		03/13/20 15:13	03/18/20 06:55	1
PCB-1242	<0.014		0.50	0.014	ug/L		03/13/20 15:13	03/18/20 06:55	1
PCB-1248	<0.0081		0.50	0.0081	ug/L		03/13/20 15:13	03/18/20 06:55	1
PCB-1254	<0.023		0.50	0.023	ug/L		03/13/20 15:13	03/18/20 06:55	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Client Sample ID: TMW-4

Date Collected: 03/10/20 12:30
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-4

Matrix: Water

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	<0.061		0.50	0.061	ug/L		03/13/20 15:13	03/18/20 06:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*58*		*10 - 125*	*03/13/20 15:13*	*03/18/20 06:55*	*1*
Tetrachloro-m-xylene	*74*		*46 - 150*	*03/13/20 15:13*	*03/18/20 06:55*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0030		0.010	0.0030	mg/L		03/17/20 16:21	03/20/20 00:19	1
Barium	**0.13**		0.010	0.0030	mg/L		03/17/20 16:21	03/20/20 16:00	1
Cadmium	<0.0010		0.0050	0.0010	mg/L		03/17/20 16:21	03/20/20 00:19	1
Chromium	<0.0050		0.010	0.0050	mg/L		03/17/20 16:21	03/20/20 00:19	1
Lead	**0.0045**	**J**	0.010	0.0020	mg/L		03/17/20 16:21	03/20/20 00:19	1
Selenium	**0.015**	**J**	0.020	0.0080	mg/L		03/17/20 16:21	03/20/20 00:19	1
Silver	<0.0010		0.0050	0.0010	mg/L		03/17/20 16:21	03/20/20 16:00	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		03/26/20 08:22	03/26/20 12:23	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Client Sample ID: TMW-5
Date Collected: 03/10/20 13:10
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.52		1.0	0.52	ug/L			03/23/20 13:38	1
1,1,1-Trichloroethane	<0.50		1.0	0.50	ug/L			03/23/20 13:38	1
1,1,2,2-Tetrachloroethane	<0.50		1.0	0.50	ug/L			03/23/20 13:38	1
1,1,2-Trichloroethane	<0.50		5.0	0.50	ug/L			03/23/20 13:38	1
1,1-Dichloroethane	<0.50		1.0	0.50	ug/L			03/23/20 13:38	1
1,1-Dichloroethene	<0.50		1.0	0.50	ug/L			03/23/20 13:38	1
1,1-Dichloropropene	<0.50		1.0	0.50	ug/L			03/23/20 13:38	1
1,2,3-Trichlorobenzene	<0.70		1.0	0.70	ug/L			03/23/20 13:38	1
1,2,3-Trichloropropane	<0.84		5.0	0.84	ug/L			03/23/20 13:38	1
1,2,4-Trichlorobenzene	<0.82		1.0	0.82	ug/L			03/23/20 13:38	1
1,2,4-Trimethylbenzene	<0.82		1.0	0.82	ug/L			03/23/20 13:38	1
1,2-Dibromo-3-Chloropropane	<1.5		5.0	1.5	ug/L			03/23/20 13:38	1
1,2-Dichlorobenzene	<0.50		1.0	0.50	ug/L			03/23/20 13:38	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			03/23/20 13:38	1
1,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/23/20 13:38	1
1,3,5-Trimethylbenzene	<0.56		1.0	0.56	ug/L			03/23/20 13:38	1
1,3-Dichlorobenzene	<0.54		1.0	0.54	ug/L			03/23/20 13:38	1
1,3-Dichloropropane	<0.50		1.0	0.50	ug/L			03/23/20 13:38	1
1,4-Dichlorobenzene	<0.64		1.0	0.64	ug/L			03/23/20 13:38	1
2,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/23/20 13:38	1
2-Butanone (MEK)	<2.6		25	2.6	ug/L			03/23/20 13:38	1
2-Chlorotoluene	<0.57		1.0	0.57	ug/L			03/23/20 13:38	1
2-Hexanone	<3.1		25	3.1	ug/L			03/23/20 13:38	1
4-Chlorotoluene	<0.56		1.0	0.56	ug/L			03/23/20 13:38	1
4-Isopropyltoluene	<0.71		1.0	0.71	ug/L			03/23/20 13:38	1
4-Methyl-2-pentanone (MIBK)	<1.8		25	1.8	ug/L			03/23/20 13:38	1
Acetone	<10		25	10	ug/L			03/23/20 13:38	1
Benzene	<0.38		1.0	0.38	ug/L			03/23/20 13:38	1
Bromobenzene	<0.54		1.0	0.54	ug/L			03/23/20 13:38	1
Bromoform	<0.71		5.0	0.71	ug/L			03/23/20 13:38	1
Bromomethane	<0.98		1.0	0.98	ug/L			03/23/20 13:38	1
Carbon disulfide	<0.50		1.0	0.50	ug/L			03/23/20 13:38	1
Carbon tetrachloride	<0.50		1.0	0.50	ug/L			03/23/20 13:38	1
Chlorobenzene	<0.50		1.0	0.50	ug/L			03/23/20 13:38	1
Chlorobromomethane	<0.52		1.0	0.52	ug/L			03/23/20 13:38	1
Chlorodibromomethane	<0.50		1.0	0.50	ug/L			03/23/20 13:38	1
Chloroethane	<0.76		1.0	0.76	ug/L			03/23/20 13:38	1
Chloroform	<0.60		1.0	0.60	ug/L			03/23/20 13:38	1
Chloromethane	<0.83		1.0	0.83	ug/L			03/23/20 13:38	1
cis-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/23/20 13:38	1
cis-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/23/20 13:38	1
Dibromomethane	<0.59		5.0	0.59	ug/L			03/23/20 13:38	1
Dichlorobromomethane	<0.50		1.0	0.50	ug/L			03/23/20 13:38	1
Dichlorodifluoromethane	<0.85		1.0	0.85	ug/L			03/23/20 13:38	1
Ethylbenzene	<0.50		1.0	0.50	ug/L			03/23/20 13:38	1
Ethylene Dibromide	<0.50		1.0	0.50	ug/L			03/23/20 13:38	1
Hexachlorobutadiene	<0.90		5.0	0.90	ug/L			03/23/20 13:38	1
Iodomethane	<0.90		1.0	0.90	ug/L			03/23/20 13:38	1
Isopropyl ether	<0.70		1.0	0.70	ug/L			03/23/20 13:38	1

Client Sample ID: TMW-5
Date Collected: 03/10/20 13:10
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.53		1.0	0.53	ug/L			03/23/20 13:38	1
Methyl tert-butyl ether	<0.74		1.0	0.74	ug/L			03/23/20 13:38	1
Methylene Chloride	<3.0		5.0	3.0	ug/L			03/23/20 13:38	1
m-Xylene & p-Xylene	<1.6		5.0	1.6	ug/L			03/23/20 13:38	1
Naphthalene	<1.0		1.0	1.0	ug/L			03/23/20 13:38	1
n-Butylbenzene	<0.76		1.0	0.76	ug/L			03/23/20 13:38	1
N-Propylbenzene	<0.69		1.0	0.69	ug/L			03/23/20 13:38	1
o-Xylene	<0.60		5.0	0.60	ug/L			03/23/20 13:38	1
sec-Butylbenzene	<0.70		1.0	0.70	ug/L			03/23/20 13:38	1
Styrene	<1.0		1.0	1.0	ug/L			03/23/20 13:38	1
tert-Butylbenzene	<0.63		1.0	0.63	ug/L			03/23/20 13:38	1
Tetrachloroethene	<0.58		1.0	0.58	ug/L			03/23/20 13:38	1
Toluene	<0.41		1.0	0.41	ug/L			03/23/20 13:38	1
trans-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/23/20 13:38	1
trans-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/23/20 13:38	1
Trichloroethene	<0.50		1.0	0.50	ug/L			03/23/20 13:38	1
Trichlorofluoromethane	<0.52		1.0	0.52	ug/L			03/23/20 13:38	1
Vinyl acetate	<2.0		25	2.0	ug/L			03/23/20 13:38	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			03/23/20 13:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*82*		*78 - 118*		*03/23/20 13:38*	*1*
Dibromofluoromethane	*99*		*81 - 121*		*03/23/20 13:38*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*03/23/20 13:38*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 20:01	1
1,2,4,5-Tetrachlorobenzene	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 20:01	1
1,2,4-Trichlorobenzene	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 20:01	1
1,2-Dichlorobenzene	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 20:01	1
1,3-Dichlorobenzene	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 20:01	1
1,3-Dinitrobenzene	<1.0		10	1.0	ug/L		03/17/20 12:27	03/20/20 20:01	1
1,4-Dichlorobenzene	<0.16		10	0.16	ug/L		03/17/20 12:27	03/20/20 20:01	1
1,4-Dioxane	<1.0		10	1.0	ug/L		03/17/20 12:27	03/20/20 20:01	1
1-Methylnaphthalene	<0.15		10	0.15	ug/L		03/17/20 12:27	03/20/20 20:01	1
2,2'-oxybis(1-chloropropane)	<0.16		10	0.16	ug/L		03/17/20 12:27	03/20/20 20:01	1
2,3,4,6-Tetrachlorophenol	<1.6		10	1.6	ug/L		03/17/20 12:27	03/20/20 20:01	1
2,4,5-Trichlorophenol	<3.8		10	3.8	ug/L		03/17/20 12:27	03/20/20 20:01	1
2,4,6-Trichlorophenol	<3.6		10	3.6	ug/L		03/17/20 12:27	03/20/20 20:01	1
2,4-Dichlorophenol	<3.1		10	3.1	ug/L		03/17/20 12:27	03/20/20 20:01	1
2,4-Dimethylphenol	<3.6		10	3.6	ug/L		03/17/20 12:27	03/20/20 20:01	1
2,4-Dinitrophenol	<3.5		31	3.5	ug/L		03/17/20 12:27	03/20/20 20:01	1
2,4-Dinitrotoluene	<2.0		10	2.0	ug/L		03/17/20 12:27	03/20/20 20:01	1
2,6-Dinitrotoluene	<2.0		10	2.0	ug/L		03/17/20 12:27	03/20/20 20:01	1
2-Chloronaphthalene	<0.14		10	0.14	ug/L		03/17/20 12:27	03/20/20 20:01	1
2-Chlorophenol	<2.3		10	2.3	ug/L		03/17/20 12:27	03/20/20 20:01	1
2-Methylnaphthalene	<0.13		10	0.13	ug/L		03/17/20 12:27	03/20/20 20:01	1
2-Methylphenol	<1.9		10	1.9	ug/L		03/17/20 12:27	03/20/20 20:01	1
2-Nitroaniline	<2.3		10	2.3	ug/L		03/17/20 12:27	03/20/20 20:01	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Client Sample ID: TMW-5
Date Collected: 03/10/20 13:10
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-5
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<5.3		10	5.3	ug/L		03/17/20 12:27	03/20/20 20:01	1
3 & 4 Methylphenol	<0.40		21	0.40	ug/L		03/17/20 12:27	03/20/20 20:01	1
3,3'-Dichlorobenzidine	<2.7	* *1	10	2.7	ug/L		03/17/20 12:27	03/20/20 20:01	1
3-Nitroaniline	<1.9		10	1.9	ug/L		03/17/20 12:27	03/20/20 20:01	1
4,6-Dinitro-2-methylphenol	<1.6		10	1.6	ug/L		03/17/20 12:27	03/20/20 20:01	1
4-Bromophenyl phenyl ether	<0.21		10	0.21	ug/L		03/17/20 12:27	03/20/20 20:01	1
4-Chloro-3-methylphenol	<3.9		10	3.9	ug/L		03/17/20 12:27	03/20/20 20:01	1
4-Chloroaniline	<3.5	* *1	10	3.5	ug/L		03/17/20 12:27	03/20/20 20:01	1
4-Chlorophenyl phenyl ether	<2.1		10	2.1	ug/L		03/17/20 12:27	03/20/20 20:01	1
4-Nitroaniline	<1.5		10	1.5	ug/L		03/17/20 12:27	03/20/20 20:01	1
4-Nitrophenol	<2.2		10	2.2	ug/L		03/17/20 12:27	03/20/20 20:01	1
Acenaphthene	<0.16		10	0.16	ug/L		03/17/20 12:27	03/20/20 20:01	1
Acenaphthylene	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 20:01	1
Acetophenone	<0.14		10	0.14	ug/L		03/17/20 12:27	03/20/20 20:01	1
Aniline	<3.9	* *1	10	3.9	ug/L		03/17/20 12:27	03/20/20 20:01	1
Anthracene	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 20:01	1
Atrazine	<0.25		10	0.25	ug/L		03/17/20 12:27	03/20/20 20:01	1
Azobenzene	<1.0		10	1.0	ug/L		03/17/20 12:27	03/20/20 20:01	1
Benzaldehyde	<0.43		10	0.43	ug/L		03/17/20 12:27	03/20/20 20:01	1
Benzidine	<21	* *1	26	21	ug/L		03/17/20 12:27	03/20/20 20:01	1
Benzo[a]anthracene	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 20:01	1
Benzo[a]pyrene	<0.12		10	0.12	ug/L		03/17/20 12:27	03/20/20 20:01	1
Benzo[b]fluoranthene	<0.15		10	0.15	ug/L		03/17/20 12:27	03/20/20 20:01	1
Benzo[g,h,i]perylene	<0.24		10	0.24	ug/L		03/17/20 12:27	03/20/20 20:01	1
Benzo[k]fluoranthene	<0.16		10	0.16	ug/L		03/17/20 12:27	03/20/20 20:01	1
Benzoic acid	<7.5		31	7.5	ug/L		03/17/20 12:27	03/20/20 20:01	1
Benzyl alcohol	<2.1		10	2.1	ug/L		03/17/20 12:27	03/20/20 20:01	1
Bis(2-chloroethoxy)methane	<0.16		10	0.16	ug/L		03/17/20 12:27	03/20/20 20:01	1
Bis(2-chloroethyl)ether	<2.8	*1	10	2.8	ug/L		03/17/20 12:27	03/20/20 20:01	1
Bis(2-ethylhexyl) phthalate	<5.1		10	5.1	ug/L		03/17/20 12:27	03/20/20 20:01	1
Butyl benzyl phthalate	<0.20		10	0.20	ug/L		03/17/20 12:27	03/20/20 20:01	1
Caprolactam	**13**		10	3.9	ug/L		03/17/20 12:27	03/20/20 20:01	1
Carbazole	<0.24		10	0.24	ug/L		03/17/20 12:27	03/20/20 20:01	1
Chrysene	<0.20		10	0.20	ug/L		03/17/20 12:27	03/20/20 20:01	1
Dibenz(a,h)anthracene	<0.25		10	0.25	ug/L		03/17/20 12:27	03/20/20 20:01	1
Dibenzofuran	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 20:01	1
Diethyl phthalate	<0.25		10	0.25	ug/L		03/17/20 12:27	03/20/20 20:01	1
Dimethyl phthalate	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 20:01	1
Di-n-butyl phthalate	<2.8		10	2.8	ug/L		03/17/20 12:27	03/20/20 20:01	1
Di-n-octyl phthalate	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 20:01	1
Fluoranthene	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 20:01	1
Fluorene	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 20:01	1
Hexachlorobenzene	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 20:01	1
Hexachlorobutadiene	<0.57		10	0.57	ug/L		03/17/20 12:27	03/20/20 20:01	1
Hexachlorocyclopentadiene	<2.7		21	2.7	ug/L		03/17/20 12:27	03/20/20 20:01	1
Hexachloroethane	<4.3		10	4.3	ug/L		03/17/20 12:27	03/20/20 20:01	1
Hexadecane	<1.0		10	1.0	ug/L		03/17/20 12:27	03/20/20 20:01	1
Indeno[1,2,3-cd]pyrene	<0.23		10	0.23	ug/L		03/17/20 12:27	03/20/20 20:01	1
Isophorone	<0.14		10	0.14	ug/L		03/17/20 12:27	03/20/20 20:01	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Client Sample ID: TMW-5
Date Collected: 03/10/20 13:10
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-5
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 20:01	1
n-Decane	<1.0		10	1.0	ug/L		03/17/20 12:27	03/20/20 20:01	1
Nitrobenzene	<0.13		10	0.13	ug/L		03/17/20 12:27	03/20/20 20:01	1
N-Nitrosodimethylamine	<3.6		10	3.6	ug/L		03/17/20 12:27	03/20/20 20:01	1
N-Nitrosodi-n-propylamine	<3.4		10	3.4	ug/L		03/17/20 12:27	03/20/20 20:01	1
N-Nitrosodiphenylamine	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 20:01	1
n-Octadecane	<1.0		10	1.0	ug/L		03/17/20 12:27	03/20/20 20:01	1
Pentachlorophenol	<1.4		21	1.4	ug/L		03/17/20 12:27	03/20/20 20:01	1
Phenanthrene	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 20:01	1
Phenol	<2.7		10	2.7	ug/L		03/17/20 12:27	03/20/20 20:01	1
Pyrene	<0.22		10	0.22	ug/L		03/17/20 12:27	03/20/20 20:01	1
Pyridine	<3.3	* *1	10	3.3	ug/L		03/17/20 12:27	03/20/20 20:01	1
Sulfolane	<0.60		10	0.60	ug/L		03/17/20 12:27	03/20/20 20:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*82*		*26 - 150*	*03/17/20 12:27*	*03/20/20 20:01*	*1*
2-Fluorobiphenyl	*84*		*46 - 124*	*03/17/20 12:27*	*03/20/20 20:01*	*1*
2-Fluorophenol (Surr)	*57*		*13 - 113*	*03/17/20 12:27*	*03/20/20 20:01*	*1*
Nitrobenzene-d5 (Surr)	*83*		*36 - 126*	*03/17/20 12:27*	*03/20/20 20:01*	*1*
Phenol-d5 (Surr)	*74*		*17 - 127*	*03/17/20 12:27*	*03/20/20 20:01*	*1*
Terphenyl-d14 (Surr)	*98*		*44 - 149*	*03/17/20 12:27*	*03/20/20 20:01*	*1*

Method: 8015C - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<47		100	47	ug/L			03/15/20 16:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*102*		*78 - 119*		*03/15/20 16:51*	*1*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**250**	**B**	130	100	ug/L		03/16/20 09:27	03/17/20 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*97*		*40 - 140*	*03/16/20 09:27*	*03/17/20 18:48*	*1*

Method: 8015C - Diesel Range Organics (DRO) (GC) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**100**	**J H B**	120	99	ug/L		03/20/20 08:49	03/23/20 15:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*101*		*40 - 140*	*03/20/20 08:49*	*03/23/20 15:34*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.11		0.50	0.11	ug/L		03/13/20 15:13	03/18/20 07:20	1
PCB-1221	<0.088		0.50	0.088	ug/L		03/13/20 15:13	03/18/20 07:20	1
PCB-1232	<0.040		0.50	0.040	ug/L		03/13/20 15:13	03/18/20 07:20	1
PCB-1242	<0.014		0.50	0.014	ug/L		03/13/20 15:13	03/18/20 07:20	1
PCB-1248	<0.0080		0.50	0.0080	ug/L		03/13/20 15:13	03/18/20 07:20	1
PCB-1254	<0.023		0.50	0.023	ug/L		03/13/20 15:13	03/18/20 07:20	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Client Sample ID: TMW-5

Date Collected: 03/10/20 13:10
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-5

Matrix: Water

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	<0.061		0.50	0.061	ug/L		03/13/20 15:13	03/18/20 07:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*38*		*10 - 125*	*03/13/20 15:13*	*03/18/20 07:20*	*1*
Tetrachloro-m-xylene	*82*		*46 - 150*	*03/13/20 15:13*	*03/18/20 07:20*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0030**	**J**	0.010	0.0030	mg/L		03/17/20 16:21	03/20/20 00:23	1
Barium	**0.11**		0.010	0.0030	mg/L		03/17/20 16:21	03/20/20 16:15	1
Cadmium	<0.0010		0.0050	0.0010	mg/L		03/17/20 16:21	03/20/20 00:23	1
Chromium	**0.011**		0.010	0.0050	mg/L		03/17/20 16:21	03/20/20 00:23	1
Lead	**0.0048**	**J**	0.010	0.0020	mg/L		03/17/20 16:21	03/20/20 00:23	1
Selenium	**0.023**		0.020	0.0080	mg/L		03/17/20 16:21	03/20/20 00:23	1
Silver	<0.0010		0.0050	0.0010	mg/L		03/17/20 16:21	03/20/20 16:15	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		03/26/20 08:22	03/26/20 12:25	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Client Sample ID: TMW-6
Date Collected: 03/10/20 14:00
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.52		1.0	0.52	ug/L			03/23/20 14:04	1
1,1,1-Trichloroethane	<0.50		1.0	0.50	ug/L			03/23/20 14:04	1
1,1,2,2-Tetrachloroethane	<0.50		1.0	0.50	ug/L			03/23/20 14:04	1
1,1,2-Trichloroethane	<0.50		5.0	0.50	ug/L			03/23/20 14:04	1
1,1-Dichloroethane	<0.50		1.0	0.50	ug/L			03/23/20 14:04	1
1,1-Dichloroethene	<0.50		1.0	0.50	ug/L			03/23/20 14:04	1
1,1-Dichloropropene	<0.50		1.0	0.50	ug/L			03/23/20 14:04	1
1,2,3-Trichlorobenzene	<0.70		1.0	0.70	ug/L			03/23/20 14:04	1
1,2,3-Trichloropropane	<0.84		5.0	0.84	ug/L			03/23/20 14:04	1
1,2,4-Trichlorobenzene	<0.82		1.0	0.82	ug/L			03/23/20 14:04	1
1,2,4-Trimethylbenzene	<0.82		1.0	0.82	ug/L			03/23/20 14:04	1
1,2-Dibromo-3-Chloropropane	<1.5		5.0	1.5	ug/L			03/23/20 14:04	1
1,2-Dichlorobenzene	<0.50		1.0	0.50	ug/L			03/23/20 14:04	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			03/23/20 14:04	1
1,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/23/20 14:04	1
1,3,5-Trimethylbenzene	<0.56		1.0	0.56	ug/L			03/23/20 14:04	1
1,3-Dichlorobenzene	<0.54		1.0	0.54	ug/L			03/23/20 14:04	1
1,3-Dichloropropane	<0.50		1.0	0.50	ug/L			03/23/20 14:04	1
1,4-Dichlorobenzene	<0.64		1.0	0.64	ug/L			03/23/20 14:04	1
2,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/23/20 14:04	1
2-Butanone (MEK)	<2.6		25	2.6	ug/L			03/23/20 14:04	1
2-Chlorotoluene	<0.57		1.0	0.57	ug/L			03/23/20 14:04	1
2-Hexanone	<3.1		25	3.1	ug/L			03/23/20 14:04	1
4-Chlorotoluene	<0.56		1.0	0.56	ug/L			03/23/20 14:04	1
4-Isopropyltoluene	<0.71		1.0	0.71	ug/L			03/23/20 14:04	1
4-Methyl-2-pentanone (MIBK)	<1.8		25	1.8	ug/L			03/23/20 14:04	1
Acetone	<10		25	10	ug/L			03/23/20 14:04	1
Benzene	<0.38		1.0	0.38	ug/L			03/23/20 14:04	1
Bromobenzene	<0.54		1.0	0.54	ug/L			03/23/20 14:04	1
Bromoform	<0.71		5.0	0.71	ug/L			03/23/20 14:04	1
Bromomethane	<0.98		1.0	0.98	ug/L			03/23/20 14:04	1
Carbon disulfide	<0.50		1.0	0.50	ug/L			03/23/20 14:04	1
Carbon tetrachloride	<0.50		1.0	0.50	ug/L			03/23/20 14:04	1
Chlorobenzene	<0.50		1.0	0.50	ug/L			03/23/20 14:04	1
Chlorobromomethane	<0.52		1.0	0.52	ug/L			03/23/20 14:04	1
Chlorodibromomethane	<0.50		1.0	0.50	ug/L			03/23/20 14:04	1
Chloroethane	<0.76		1.0	0.76	ug/L			03/23/20 14:04	1
Chloroform	<0.60		1.0	0.60	ug/L			03/23/20 14:04	1
Chloromethane	<0.83		1.0	0.83	ug/L			03/23/20 14:04	1
cis-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/23/20 14:04	1
cis-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/23/20 14:04	1
Dibromomethane	<0.59		5.0	0.59	ug/L			03/23/20 14:04	1
Dichlorobromomethane	<0.50		1.0	0.50	ug/L			03/23/20 14:04	1
Dichlorodifluoromethane	<0.85		1.0	0.85	ug/L			03/23/20 14:04	1
Ethylbenzene	<0.50		1.0	0.50	ug/L			03/23/20 14:04	1
Ethylene Dibromide	<0.50		1.0	0.50	ug/L			03/23/20 14:04	1
Hexachlorobutadiene	<0.90		5.0	0.90	ug/L			03/23/20 14:04	1
Iodomethane	<0.90		1.0	0.90	ug/L			03/23/20 14:04	1
Isopropyl ether	<0.70		1.0	0.70	ug/L			03/23/20 14:04	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Client Sample ID: TMW-6

Date Collected: 03/10/20 14:00
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-6

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.53		1.0	0.53	ug/L			03/23/20 14:04	1
Methyl tert-butyl ether	<0.74		1.0	0.74	ug/L			03/23/20 14:04	1
Methylene Chloride	<3.0		5.0	3.0	ug/L			03/23/20 14:04	1
m-Xylene & p-Xylene	<1.6		5.0	1.6	ug/L			03/23/20 14:04	1
Naphthalene	<1.0		1.0	1.0	ug/L			03/23/20 14:04	1
n-Butylbenzene	<0.76		1.0	0.76	ug/L			03/23/20 14:04	1
N-Propylbenzene	<0.69		1.0	0.69	ug/L			03/23/20 14:04	1
o-Xylene	<0.60		5.0	0.60	ug/L			03/23/20 14:04	1
sec-Butylbenzene	<0.70		1.0	0.70	ug/L			03/23/20 14:04	1
Styrene	<1.0		1.0	1.0	ug/L			03/23/20 14:04	1
tert-Butylbenzene	<0.63		1.0	0.63	ug/L			03/23/20 14:04	1
Tetrachloroethene	<0.58		1.0	0.58	ug/L			03/23/20 14:04	1
Toluene	<0.41		1.0	0.41	ug/L			03/23/20 14:04	1
trans-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/23/20 14:04	1
trans-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/23/20 14:04	1
Trichloroethene	<0.50		1.0	0.50	ug/L			03/23/20 14:04	1
Trichlorofluoromethane	<0.52		1.0	0.52	ug/L			03/23/20 14:04	1
Vinyl acetate	<2.0		25	2.0	ug/L			03/23/20 14:04	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			03/23/20 14:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*83*		*78 - 118*		*03/23/20 14:04*	*1*
Dibromofluoromethane	*98*		*81 - 121*		*03/23/20 14:04*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*03/23/20 14:04*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.21		12	0.21	ug/L		03/17/20 12:27	03/20/20 20:26	1
1,2,4,5-Tetrachlorobenzene	<0.22		12	0.22	ug/L		03/17/20 12:27	03/20/20 20:26	1
1,2,4-Trichlorobenzene	<0.22		12	0.22	ug/L		03/17/20 12:27	03/20/20 20:26	1
1,2-Dichlorobenzene	<0.21		12	0.21	ug/L		03/17/20 12:27	03/20/20 20:26	1
1,3-Dichlorobenzene	<0.22		12	0.22	ug/L		03/17/20 12:27	03/20/20 20:26	1
1,3-Dinitrobenzene	<1.2		12	1.2	ug/L		03/17/20 12:27	03/20/20 20:26	1
1,4-Dichlorobenzene	<0.20		12	0.20	ug/L		03/17/20 12:27	03/20/20 20:26	1
1,4-Dioxane	<1.2		12	1.2	ug/L		03/17/20 12:27	03/20/20 20:26	1
1-Methylnaphthalene	<0.18		12	0.18	ug/L		03/17/20 12:27	03/20/20 20:26	1
2,2'-oxybis(1-chloropropane)	<0.20		12	0.20	ug/L		03/17/20 12:27	03/20/20 20:26	1
2,3,4,6-Tetrachlorophenol	<2.0		12	2.0	ug/L		03/17/20 12:27	03/20/20 20:26	1
2,4,5-Trichlorophenol	<4.6		12	4.6	ug/L		03/17/20 12:27	03/20/20 20:26	1
2,4,6-Trichlorophenol	<4.3		12	4.3	ug/L		03/17/20 12:27	03/20/20 20:26	1
2,4-Dichlorophenol	<3.7		12	3.7	ug/L		03/17/20 12:27	03/20/20 20:26	1
2,4-Dimethylphenol	<4.3		12	4.3	ug/L		03/17/20 12:27	03/20/20 20:26	1
2,4-Dinitrophenol	<4.2		37	4.2	ug/L		03/17/20 12:27	03/20/20 20:26	1
2,4-Dinitrotoluene	<2.3		12	2.3	ug/L		03/17/20 12:27	03/20/20 20:26	1
2,6-Dinitrotoluene	<2.3		12	2.3	ug/L		03/17/20 12:27	03/20/20 20:26	1
2-Chloronaphthalene	<0.17		12	0.17	ug/L		03/17/20 12:27	03/20/20 20:26	1
2-Chlorophenol	<2.7		12	2.7	ug/L		03/17/20 12:27	03/20/20 20:26	1
2-Methylnaphthalene	<0.16		12	0.16	ug/L		03/17/20 12:27	03/20/20 20:26	1
2-Methylphenol	<2.2		12	2.2	ug/L		03/17/20 12:27	03/20/20 20:26	1
2-Nitroaniline	<2.7		12	2.7	ug/L		03/17/20 12:27	03/20/20 20:26	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Client Sample ID: TMW-6
Date Collected: 03/10/20 14:00
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-6
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<6.4		12	6.4	ug/L		03/17/20 12:27	03/20/20 20:26	1
3 & 4 Methylphenol	<0.48		25	0.48	ug/L		03/17/20 12:27	03/20/20 20:26	1
3,3'-Dichlorobenzidine	<3.2	* *1	12	3.2	ug/L		03/17/20 12:27	03/20/20 20:26	1
3-Nitroaniline	<2.2		12	2.2	ug/L		03/17/20 12:27	03/20/20 20:26	1
4,6-Dinitro-2-methylphenol	<2.0		12	2.0	ug/L		03/17/20 12:27	03/20/20 20:26	1
4-Bromophenyl phenyl ether	<0.25		12	0.25	ug/L		03/17/20 12:27	03/20/20 20:26	1
4-Chloro-3-methylphenol	<4.7		12	4.7	ug/L		03/17/20 12:27	03/20/20 20:26	1
4-Chloroaniline	<4.2	* *1	12	4.2	ug/L		03/17/20 12:27	03/20/20 20:26	1
4-Chlorophenyl phenyl ether	<2.5		12	2.5	ug/L		03/17/20 12:27	03/20/20 20:26	1
4-Nitroaniline	<1.8		12	1.8	ug/L		03/17/20 12:27	03/20/20 20:26	1
4-Nitrophenol	<2.6		12	2.6	ug/L		03/17/20 12:27	03/20/20 20:26	1
Acenaphthene	<0.20		12	0.20	ug/L		03/17/20 12:27	03/20/20 20:26	1
Acenaphthylene	<0.21		12	0.21	ug/L		03/17/20 12:27	03/20/20 20:26	1
Acetophenone	<0.17		12	0.17	ug/L		03/17/20 12:27	03/20/20 20:26	1
Aniline	<4.7	* *1	12	4.7	ug/L		03/17/20 12:27	03/20/20 20:26	1
Anthracene	<0.22		12	0.22	ug/L		03/17/20 12:27	03/20/20 20:26	1
Atrazine	<0.30		12	0.30	ug/L		03/17/20 12:27	03/20/20 20:26	1
Azobenzene	<1.2		12	1.2	ug/L		03/17/20 12:27	03/20/20 20:26	1
Benzaldehyde	<0.52		12	0.52	ug/L		03/17/20 12:27	03/20/20 20:26	1
Benzidine	<25	* *1	31	25	ug/L		03/17/20 12:27	03/20/20 20:26	1
Benzo[a]anthracene	<0.22		12	0.22	ug/L		03/17/20 12:27	03/20/20 20:26	1
Benzo[a]pyrene	<0.15		12	0.15	ug/L		03/17/20 12:27	03/20/20 20:26	1
Benzo[b]fluoranthene	<0.18		12	0.18	ug/L		03/17/20 12:27	03/20/20 20:26	1
Benzo[g,h,i]perylene	<0.28		12	0.28	ug/L		03/17/20 12:27	03/20/20 20:26	1
Benzo[k]fluoranthene	<0.20		12	0.20	ug/L		03/17/20 12:27	03/20/20 20:26	1
Benzoic acid	<9.0		37	9.0	ug/L		03/17/20 12:27	03/20/20 20:26	1
Benzyl alcohol	<2.5		12	2.5	ug/L		03/17/20 12:27	03/20/20 20:26	1
Bis(2-chloroethoxy)methane	<0.20		12	0.20	ug/L		03/17/20 12:27	03/20/20 20:26	1
Bis(2-chloroethyl)ether	<3.3	*1	12	3.3	ug/L		03/17/20 12:27	03/20/20 20:26	1
Bis(2-ethylhexyl) phthalate	<6.2		12	6.2	ug/L		03/17/20 12:27	03/20/20 20:26	1
Butyl benzyl phthalate	<0.23		12	0.23	ug/L		03/17/20 12:27	03/20/20 20:26	1
Caprolactam	<4.7		12	4.7	ug/L		03/17/20 12:27	03/20/20 20:26	1
Carbazole	<0.28		12	0.28	ug/L		03/17/20 12:27	03/20/20 20:26	1
Chrysene	<0.23		12	0.23	ug/L		03/17/20 12:27	03/20/20 20:26	1
Dibenz(a,h)anthracene	<0.30		12	0.30	ug/L		03/17/20 12:27	03/20/20 20:26	1
Dibenzofuran	<0.21		12	0.21	ug/L		03/17/20 12:27	03/20/20 20:26	1
Diethyl phthalate	<0.30		12	0.30	ug/L		03/17/20 12:27	03/20/20 20:26	1
Dimethyl phthalate	<0.21		12	0.21	ug/L		03/17/20 12:27	03/20/20 20:26	1
Di-n-butyl phthalate	<3.3		12	3.3	ug/L		03/17/20 12:27	03/20/20 20:26	1
Di-n-octyl phthalate	<0.21		12	0.21	ug/L		03/17/20 12:27	03/20/20 20:26	1
Fluoranthene	<0.22		12	0.22	ug/L		03/17/20 12:27	03/20/20 20:26	1
Fluorene	<0.22		12	0.22	ug/L		03/17/20 12:27	03/20/20 20:26	1
Hexachlorobenzene	<0.21		12	0.21	ug/L		03/17/20 12:27	03/20/20 20:26	1
Hexachlorobutadiene	<0.68		12	0.68	ug/L		03/17/20 12:27	03/20/20 20:26	1
Hexachlorocyclopentadiene	<3.2		25	3.2	ug/L		03/17/20 12:27	03/20/20 20:26	1
Hexachloroethane	<5.2		12	5.2	ug/L		03/17/20 12:27	03/20/20 20:26	1
Hexadecane	<1.2		12	1.2	ug/L		03/17/20 12:27	03/20/20 20:26	1
Indeno[1,2,3-cd]pyrene	<0.27		12	0.27	ug/L		03/17/20 12:27	03/20/20 20:26	1
Isophorone	<0.17		12	0.17	ug/L		03/17/20 12:27	03/20/20 20:26	1

Client Sample ID: TMW-6

Date Collected: 03/10/20 14:00
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-6

Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.21		12	0.21	ug/L		03/17/20 12:27	03/20/20 20:26	1
n-Decane	<1.2		12	1.2	ug/L		03/17/20 12:27	03/20/20 20:26	1
Nitrobenzene	<0.16		12	0.16	ug/L		03/17/20 12:27	03/20/20 20:26	1
N-Nitrosodimethylamine	<4.3		12	4.3	ug/L		03/17/20 12:27	03/20/20 20:26	1
N-Nitrosodi-n-propylamine	<4.1		12	4.1	ug/L		03/17/20 12:27	03/20/20 20:26	1
N-Nitrosodiphenylamine	<0.22		12	0.22	ug/L		03/17/20 12:27	03/20/20 20:26	1
n-Octadecane	<1.2		12	1.2	ug/L		03/17/20 12:27	03/20/20 20:26	1
Pentachlorophenol	<1.7		25	1.7	ug/L		03/17/20 12:27	03/20/20 20:26	1
Phenanthrene	<0.22		12	0.22	ug/L		03/17/20 12:27	03/20/20 20:26	1
Phenol	<3.2		12	3.2	ug/L		03/17/20 12:27	03/20/20 20:26	1
Pyrene	<0.26		12	0.26	ug/L		03/17/20 12:27	03/20/20 20:26	1
Pyridine	<3.9	* *1	12	3.9	ug/L		03/17/20 12:27	03/20/20 20:26	1
Sulfolane	<0.71		12	0.71	ug/L		03/17/20 12:27	03/20/20 20:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*77*		*26 - 150*	*03/17/20 12:27*	*03/20/20 20:26*	*1*
2-Fluorobiphenyl	*78*		*46 - 124*	*03/17/20 12:27*	*03/20/20 20:26*	*1*
2-Fluorophenol (Surr)	*39*		*13 - 113*	*03/17/20 12:27*	*03/20/20 20:26*	*1*
Nitrobenzene-d5 (Surr)	*75*		*36 - 126*	*03/17/20 12:27*	*03/20/20 20:26*	*1*
Phenol-d5 (Surr)	*65*		*17 - 127*	*03/17/20 12:27*	*03/20/20 20:26*	*1*
Terphenyl-d14 (Surr)	*91*		*44 - 149*	*03/17/20 12:27*	*03/20/20 20:26*	*1*

Method: 8015C - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<47		100	47	ug/L			03/15/20 17:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*103*		*78 - 119*		*03/15/20 17:23*	*1*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**510**	**B**	160	130	ug/L		03/16/20 09:27	03/17/20 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*102*		*40 - 140*	*03/16/20 09:27*	*03/17/20 18:58*	*1*

Method: 8015C - Diesel Range Organics (DRO) (GC) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**150**	**H B**	150	120	ug/L		03/20/20 08:49	03/23/20 15:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*105*		*40 - 140*	*03/20/20 08:49*	*03/23/20 15:46*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.13		0.58	0.13	ug/L		03/13/20 15:13	03/18/20 00:15	1
PCB-1221	<0.10		0.58	0.10	ug/L		03/13/20 15:13	03/18/20 00:15	1
PCB-1232	<0.046		0.58	0.046	ug/L		03/13/20 15:13	03/18/20 00:15	1
PCB-1242	<0.016		0.58	0.016	ug/L		03/13/20 15:13	03/18/20 00:15	1
PCB-1248	<0.0093		0.58	0.0093	ug/L		03/13/20 15:13	03/18/20 00:15	1
PCB-1254	<0.026		0.58	0.026	ug/L		03/13/20 15:13	03/18/20 00:15	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Client Sample ID: TMW-6

Date Collected: 03/10/20 14:00
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-6

Matrix: Water

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	<0.071		0.58	0.071	ug/L		03/13/20 15:13	03/18/20 00:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*63*		*10 - 125*	*03/13/20 15:13*	*03/18/20 00:15*	*1*
Tetrachloro-m-xylene	*69*		*46 - 150*	*03/13/20 15:13*	*03/18/20 00:15*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.028**		0.010	0.0030	mg/L		03/17/20 16:21	03/20/20 00:27	1
Barium	**0.21**		0.010	0.0030	mg/L		03/17/20 16:21	03/20/20 16:19	1
Cadmium	<0.0010		0.0050	0.0010	mg/L		03/17/20 16:21	03/20/20 00:27	1
Chromium	<0.0050		0.010	0.0050	mg/L		03/17/20 16:21	03/20/20 00:27	1
Lead	**0.0082**	**J**	0.010	0.0020	mg/L		03/17/20 16:21	03/20/20 00:27	1
Selenium	<0.0080		0.020	0.0080	mg/L		03/17/20 16:21	03/20/20 00:27	1
Silver	<0.0010		0.0050	0.0010	mg/L		03/17/20 16:21	03/20/20 16:19	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		03/26/20 08:22	03/26/20 12:30	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Client Sample ID: TMW-7
Date Collected: 03/10/20 15:50
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.52		1.0	0.52	ug/L			03/23/20 14:30	1
1,1,1-Trichloroethane	<0.50		1.0	0.50	ug/L			03/23/20 14:30	1
1,1,2,2-Tetrachloroethane	<0.50		1.0	0.50	ug/L			03/23/20 14:30	1
1,1,2-Trichloroethane	<0.50		5.0	0.50	ug/L			03/23/20 14:30	1
1,1-Dichloroethane	<0.50		1.0	0.50	ug/L			03/23/20 14:30	1
1,1-Dichloroethene	<0.50		1.0	0.50	ug/L			03/23/20 14:30	1
1,1-Dichloropropene	<0.50		1.0	0.50	ug/L			03/23/20 14:30	1
1,2,3-Trichlorobenzene	<0.70		1.0	0.70	ug/L			03/23/20 14:30	1
1,2,3-Trichloropropane	<0.84		5.0	0.84	ug/L			03/23/20 14:30	1
1,2,4-Trichlorobenzene	<0.82		1.0	0.82	ug/L			03/23/20 14:30	1
1,2,4-Trimethylbenzene	<0.82		1.0	0.82	ug/L			03/23/20 14:30	1
1,2-Dibromo-3-Chloropropane	<1.5		5.0	1.5	ug/L			03/23/20 14:30	1
1,2-Dichlorobenzene	<0.50		1.0	0.50	ug/L			03/23/20 14:30	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			03/23/20 14:30	1
1,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/23/20 14:30	1
1,3,5-Trimethylbenzene	<0.56		1.0	0.56	ug/L			03/23/20 14:30	1
1,3-Dichlorobenzene	<0.54		1.0	0.54	ug/L			03/23/20 14:30	1
1,3-Dichloropropane	<0.50		1.0	0.50	ug/L			03/23/20 14:30	1
1,4-Dichlorobenzene	<0.64		1.0	0.64	ug/L			03/23/20 14:30	1
2,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/23/20 14:30	1
2-Butanone (MEK)	<2.6		25	2.6	ug/L			03/23/20 14:30	1
2-Chlorotoluene	<0.57		1.0	0.57	ug/L			03/23/20 14:30	1
2-Hexanone	<3.1		25	3.1	ug/L			03/23/20 14:30	1
4-Chlorotoluene	<0.56		1.0	0.56	ug/L			03/23/20 14:30	1
4-Isopropyltoluene	<0.71		1.0	0.71	ug/L			03/23/20 14:30	1
4-Methyl-2-pentanone (MIBK)	<1.8		25	1.8	ug/L			03/23/20 14:30	1
Acetone	<10		25	10	ug/L			03/23/20 14:30	1
Benzene	<0.38		1.0	0.38	ug/L			03/23/20 14:30	1
Bromobenzene	<0.54		1.0	0.54	ug/L			03/23/20 14:30	1
Bromoform	<0.71		5.0	0.71	ug/L			03/23/20 14:30	1
Bromomethane	<0.98		1.0	0.98	ug/L			03/23/20 14:30	1
Carbon disulfide	<0.50		1.0	0.50	ug/L			03/23/20 14:30	1
Carbon tetrachloride	<0.50		1.0	0.50	ug/L			03/23/20 14:30	1
Chlorobenzene	<0.50		1.0	0.50	ug/L			03/23/20 14:30	1
Chlorobromomethane	<0.52		1.0	0.52	ug/L			03/23/20 14:30	1
Chlorodibromomethane	<0.50		1.0	0.50	ug/L			03/23/20 14:30	1
Chloroethane	<0.76		1.0	0.76	ug/L			03/23/20 14:30	1
Chloroform	<0.60		1.0	0.60	ug/L			03/23/20 14:30	1
Chloromethane	<0.83		1.0	0.83	ug/L			03/23/20 14:30	1
cis-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/23/20 14:30	1
cis-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/23/20 14:30	1
Dibromomethane	<0.59		5.0	0.59	ug/L			03/23/20 14:30	1
Dichlorobromomethane	<0.50		1.0	0.50	ug/L			03/23/20 14:30	1
Dichlorodifluoromethane	<0.85		1.0	0.85	ug/L			03/23/20 14:30	1
Ethylbenzene	<0.50		1.0	0.50	ug/L			03/23/20 14:30	1
Ethylene Dibromide	<0.50		1.0	0.50	ug/L			03/23/20 14:30	1
Hexachlorobutadiene	<0.90		5.0	0.90	ug/L			03/23/20 14:30	1
Iodomethane	<0.90		1.0	0.90	ug/L			03/23/20 14:30	1
Isopropyl ether	<0.70		1.0	0.70	ug/L			03/23/20 14:30	1

Client Sample ID: TMW-7
Date Collected: 03/10/20 15:50
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.53		1.0	0.53	ug/L			03/23/20 14:30	1
Methyl tert-butyl ether	<0.74		1.0	0.74	ug/L			03/23/20 14:30	1
Methylene Chloride	<3.0		5.0	3.0	ug/L			03/23/20 14:30	1
m-Xylene & p-Xylene	<1.6		5.0	1.6	ug/L			03/23/20 14:30	1
Naphthalene	<1.0		1.0	1.0	ug/L			03/23/20 14:30	1
n-Butylbenzene	<0.76		1.0	0.76	ug/L			03/23/20 14:30	1
N-Propylbenzene	<0.69		1.0	0.69	ug/L			03/23/20 14:30	1
o-Xylene	<0.60		5.0	0.60	ug/L			03/23/20 14:30	1
sec-Butylbenzene	<0.70		1.0	0.70	ug/L			03/23/20 14:30	1
Styrene	<1.0		1.0	1.0	ug/L			03/23/20 14:30	1
tert-Butylbenzene	<0.63		1.0	0.63	ug/L			03/23/20 14:30	1
Tetrachloroethene	<0.58		1.0	0.58	ug/L			03/23/20 14:30	1
Toluene	<0.41		1.0	0.41	ug/L			03/23/20 14:30	1
trans-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/23/20 14:30	1
trans-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/23/20 14:30	1
Trichloroethene	<0.50		1.0	0.50	ug/L			03/23/20 14:30	1
Trichlorofluoromethane	<0.52		1.0	0.52	ug/L			03/23/20 14:30	1
Vinyl acetate	<2.0		25	2.0	ug/L			03/23/20 14:30	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			03/23/20 14:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*85*		*78 - 118*		*03/23/20 14:30*	*1*
Dibromofluoromethane	*99*		*81 - 121*		*03/23/20 14:30*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*03/23/20 14:30*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 20:51	1
1,2,4,5-Tetrachlorobenzene	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 20:51	1
1,2,4-Trichlorobenzene	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 20:51	1
1,2-Dichlorobenzene	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 20:51	1
1,3-Dichlorobenzene	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 20:51	1
1,3-Dinitrobenzene	<1.0		10	1.0	ug/L		03/17/20 12:27	03/20/20 20:51	1
1,4-Dichlorobenzene	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 20:51	1
1,4-Dioxane	<1.0		10	1.0	ug/L		03/17/20 12:27	03/20/20 20:51	1
1-Methylnaphthalene	<0.16		10	0.16	ug/L		03/17/20 12:27	03/20/20 20:51	1
2,2'-oxybis(1-chloropropane)	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 20:51	1
2,3,4,6-Tetrachlorophenol	<1.7		10	1.7	ug/L		03/17/20 12:27	03/20/20 20:51	1
2,4,5-Trichlorophenol	<3.8		10	3.8	ug/L		03/17/20 12:27	03/20/20 20:51	1
2,4,6-Trichlorophenol	<3.6		10	3.6	ug/L		03/17/20 12:27	03/20/20 20:51	1
2,4-Dichlorophenol	<3.1		10	3.1	ug/L		03/17/20 12:27	03/20/20 20:51	1
2,4-Dimethylphenol	<3.6		10	3.6	ug/L		03/17/20 12:27	03/20/20 20:51	1
2,4-Dinitrophenol	<3.5		31	3.5	ug/L		03/17/20 12:27	03/20/20 20:51	1
2,4-Dinitrotoluene	<2.0		10	2.0	ug/L		03/17/20 12:27	03/20/20 20:51	1
2,6-Dinitrotoluene	<2.0		10	2.0	ug/L		03/17/20 12:27	03/20/20 20:51	1
2-Chloronaphthalene	<0.15		10	0.15	ug/L		03/17/20 12:27	03/20/20 20:51	1
2-Chlorophenol	<2.3		10	2.3	ug/L		03/17/20 12:27	03/20/20 20:51	1
2-Methylnaphthalene	<0.13		10	0.13	ug/L		03/17/20 12:27	03/20/20 20:51	1
2-Methylphenol	<1.9		10	1.9	ug/L		03/17/20 12:27	03/20/20 20:51	1
2-Nitroaniline	<2.3		10	2.3	ug/L		03/17/20 12:27	03/20/20 20:51	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Client Sample ID: TMW-7
Date Collected: 03/10/20 15:50
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-7
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<5.4		10	5.4	ug/L		03/17/20 12:27	03/20/20 20:51	1
3 & 4 Methylphenol	<0.40		21	0.40	ug/L		03/17/20 12:27	03/20/20 20:51	1
3,3'-Dichlorobenzidine	<2.7	* *1	10	2.7	ug/L		03/17/20 12:27	03/20/20 20:51	1
3-Nitroaniline	<1.9		10	1.9	ug/L		03/17/20 12:27	03/20/20 20:51	1
4,6-Dinitro-2-methylphenol	<1.7		10	1.7	ug/L		03/17/20 12:27	03/20/20 20:51	1
4-Bromophenyl phenyl ether	<0.21		10	0.21	ug/L		03/17/20 12:27	03/20/20 20:51	1
4-Chloro-3-methylphenol	<3.9		10	3.9	ug/L		03/17/20 12:27	03/20/20 20:51	1
4-Chloroaniline	<3.5	* *1	10	3.5	ug/L		03/17/20 12:27	03/20/20 20:51	1
4-Chlorophenyl phenyl ether	<2.1		10	2.1	ug/L		03/17/20 12:27	03/20/20 20:51	1
4-Nitroaniline	<1.6		10	1.6	ug/L		03/17/20 12:27	03/20/20 20:51	1
4-Nitrophenol	<2.2		10	2.2	ug/L		03/17/20 12:27	03/20/20 20:51	1
Acenaphthene	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 20:51	1
Acenaphthylene	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 20:51	1
Acetophenone	<0.15		10	0.15	ug/L		03/17/20 12:27	03/20/20 20:51	1
Aniline	<3.9	* *1	10	3.9	ug/L		03/17/20 12:27	03/20/20 20:51	1
Anthracene	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 20:51	1
Atrazine	<0.25		10	0.25	ug/L		03/17/20 12:27	03/20/20 20:51	1
Azobenzene	<1.0		10	1.0	ug/L		03/17/20 12:27	03/20/20 20:51	1
Benzaldehyde	<0.44		10	0.44	ug/L		03/17/20 12:27	03/20/20 20:51	1
Benzidine	<21	* *1	26	21	ug/L		03/17/20 12:27	03/20/20 20:51	1
Benzo[a]anthracene	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 20:51	1
Benzo[a]pyrene	<0.12		10	0.12	ug/L		03/17/20 12:27	03/20/20 20:51	1
Benzo[b]fluoranthene	<0.16		10	0.16	ug/L		03/17/20 12:27	03/20/20 20:51	1
Benzo[g,h,i]perylene	<0.24		10	0.24	ug/L		03/17/20 12:27	03/20/20 20:51	1
Benzo[k]fluoranthene	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 20:51	1
Benzoic acid	<7.6		31	7.6	ug/L		03/17/20 12:27	03/20/20 20:51	1
Benzyl alcohol	<2.1		10	2.1	ug/L		03/17/20 12:27	03/20/20 20:51	1
Bis(2-chloroethoxy)methane	<0.17		10	0.17	ug/L		03/17/20 12:27	03/20/20 20:51	1
Bis(2-chloroethyl)ether	<2.8	*1	10	2.8	ug/L		03/17/20 12:27	03/20/20 20:51	1
Bis(2-ethylhexyl) phthalate	<5.2		10	5.2	ug/L		03/17/20 12:27	03/20/20 20:51	1
Butyl benzyl phthalate	<0.20		10	0.20	ug/L		03/17/20 12:27	03/20/20 20:51	1
Caprolactam	**5.5**	**J**	10	3.9	ug/L		03/17/20 12:27	03/20/20 20:51	1
Carbazole	<0.24		10	0.24	ug/L		03/17/20 12:27	03/20/20 20:51	1
Chrysene	<0.20		10	0.20	ug/L		03/17/20 12:27	03/20/20 20:51	1
Dibenz(a,h)anthracene	<0.25		10	0.25	ug/L		03/17/20 12:27	03/20/20 20:51	1
Dibenzofuran	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 20:51	1
Diethyl phthalate	<0.25		10	0.25	ug/L		03/17/20 12:27	03/20/20 20:51	1
Dimethyl phthalate	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 20:51	1
Di-n-butyl phthalate	<2.8		10	2.8	ug/L		03/17/20 12:27	03/20/20 20:51	1
Di-n-octyl phthalate	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 20:51	1
Fluoranthene	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 20:51	1
Fluorene	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 20:51	1
Hexachlorobenzene	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 20:51	1
Hexachlorobutadiene	<0.57		10	0.57	ug/L		03/17/20 12:27	03/20/20 20:51	1
Hexachlorocyclopentadiene	<2.7		21	2.7	ug/L		03/17/20 12:27	03/20/20 20:51	1
Hexachloroethane	<4.4		10	4.4	ug/L		03/17/20 12:27	03/20/20 20:51	1
Hexadecane	<1.0		10	1.0	ug/L		03/17/20 12:27	03/20/20 20:51	1
Indeno[1,2,3-cd]pyrene	<0.23		10	0.23	ug/L		03/17/20 12:27	03/20/20 20:51	1
Isophorone	<0.15		10	0.15	ug/L		03/17/20 12:27	03/20/20 20:51	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Client Sample ID: TMW-7
Date Collected: 03/10/20 15:50
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-7
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.18		10	0.18	ug/L		03/17/20 12:27	03/20/20 20:51	1
n-Decane	<1.0		10	1.0	ug/L		03/17/20 12:27	03/20/20 20:51	1
Nitrobenzene	<0.13		10	0.13	ug/L		03/17/20 12:27	03/20/20 20:51	1
N-Nitrosodimethylamine	<3.6		10	3.6	ug/L		03/17/20 12:27	03/20/20 20:51	1
N-Nitrosodi-n-propylamine	<3.4		10	3.4	ug/L		03/17/20 12:27	03/20/20 20:51	1
N-Nitrosodiphenylamine	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 20:51	1
n-Octadecane	<1.0		10	1.0	ug/L		03/17/20 12:27	03/20/20 20:51	1
Pentachlorophenol	<1.5		21	1.5	ug/L		03/17/20 12:27	03/20/20 20:51	1
Phenanthrene	<0.19		10	0.19	ug/L		03/17/20 12:27	03/20/20 20:51	1
Phenol	<2.7		10	2.7	ug/L		03/17/20 12:27	03/20/20 20:51	1
Pyrene	<0.22		10	0.22	ug/L		03/17/20 12:27	03/20/20 20:51	1
Pyridine	<3.3	* *1	10	3.3	ug/L		03/17/20 12:27	03/20/20 20:51	1
Sulfolane	<0.60		10	0.60	ug/L		03/17/20 12:27	03/20/20 20:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*86*		*26 - 150*	*03/17/20 12:27*	*03/20/20 20:51*	*1*
2-Fluorobiphenyl	*81*		*46 - 124*	*03/17/20 12:27*	*03/20/20 20:51*	*1*
2-Fluorophenol (Surr)	*50*		*13 - 113*	*03/17/20 12:27*	*03/20/20 20:51*	*1*
Nitrobenzene-d5 (Surr)	*79*		*36 - 126*	*03/17/20 12:27*	*03/20/20 20:51*	*1*
Phenol-d5 (Surr)	*75*		*17 - 127*	*03/17/20 12:27*	*03/20/20 20:51*	*1*
Terphenyl-d14 (Surr)	*94*		*44 - 149*	*03/17/20 12:27*	*03/20/20 20:51*	*1*

Method: 8015C - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<47		100	47	ug/L			03/15/20 17:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*105*		*78 - 119*		*03/15/20 17:54*	*1*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**340**	**B**	110	92	ug/L		03/16/20 09:27	03/17/20 19:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*96*		*40 - 140*	*03/16/20 09:27*	*03/17/20 19:08*	*1*

Method: 8015C - Diesel Range Organics (DRO) (GC) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**100**	**J H B**	120	99	ug/L		03/20/20 08:49	03/23/20 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*97*		*40 - 140*	*03/20/20 08:49*	*03/23/20 15:57*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.11		0.51	0.11	ug/L		03/13/20 15:13	03/18/20 00:40	1
PCB-1221	<0.090		0.51	0.090	ug/L		03/13/20 15:13	03/18/20 00:40	1
PCB-1232	<0.041		0.51	0.041	ug/L		03/13/20 15:13	03/18/20 00:40	1
PCB-1242	<0.014		0.51	0.014	ug/L		03/13/20 15:13	03/18/20 00:40	1
PCB-1248	<0.0082		0.51	0.0082	ug/L		03/13/20 15:13	03/18/20 00:40	1
PCB-1254	<0.023		0.51	0.023	ug/L		03/13/20 15:13	03/18/20 00:40	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Client Sample ID: TMW-7

Date Collected: 03/10/20 15:50
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-7

Matrix: Water

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	<0.062		0.51	0.062	ug/L		03/13/20 15:13	03/18/20 00:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*78*		*10 - 125*	*03/13/20 15:13*	*03/18/20 00:40*	*1*
Tetrachloro-m-xylene	*76*		*46 - 150*	*03/13/20 15:13*	*03/18/20 00:40*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.013**		0.010	0.0030	mg/L		03/17/20 16:21	03/20/20 00:34	1
Barium	**0.20**		0.010	0.0030	mg/L		03/17/20 16:21	03/20/20 16:26	1
Cadmium	<0.0010		0.0050	0.0010	mg/L		03/17/20 16:21	03/20/20 00:34	1
Chromium	**0.013**		0.010	0.0050	mg/L		03/17/20 16:21	03/20/20 00:34	1
Lead	**0.029**		0.010	0.0020	mg/L		03/17/20 16:21	03/20/20 00:34	1
Selenium	<0.0080		0.020	0.0080	mg/L		03/17/20 16:21	03/20/20 00:34	1
Silver	<0.0010		0.0050	0.0010	mg/L		03/17/20 16:21	03/20/20 16:26	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		03/26/20 08:22	03/26/20 12:32	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Client Sample ID: TMW-DUP
Date Collected: 03/10/20 10:40
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.52		1.0	0.52	ug/L			03/23/20 14:56	1
1,1,1-Trichloroethane	<0.50		1.0	0.50	ug/L			03/23/20 14:56	1
1,1,2,2-Tetrachloroethane	<0.50		1.0	0.50	ug/L			03/23/20 14:56	1
1,1,2-Trichloroethane	<0.50		5.0	0.50	ug/L			03/23/20 14:56	1
1,1-Dichloroethane	<0.50		1.0	0.50	ug/L			03/23/20 14:56	1
1,1-Dichloroethene	<0.50		1.0	0.50	ug/L			03/23/20 14:56	1
1,1-Dichloropropene	<0.50		1.0	0.50	ug/L			03/23/20 14:56	1
1,2,3-Trichlorobenzene	<0.70		1.0	0.70	ug/L			03/23/20 14:56	1
1,2,3-Trichloropropane	<0.84		5.0	0.84	ug/L			03/23/20 14:56	1
1,2,4-Trichlorobenzene	<0.82		1.0	0.82	ug/L			03/23/20 14:56	1
1,2,4-Trimethylbenzene	<0.82		1.0	0.82	ug/L			03/23/20 14:56	1
1,2-Dibromo-3-Chloropropane	<1.5		5.0	1.5	ug/L			03/23/20 14:56	1
1,2-Dichlorobenzene	<0.50		1.0	0.50	ug/L			03/23/20 14:56	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			03/23/20 14:56	1
1,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/23/20 14:56	1
1,3,5-Trimethylbenzene	<0.56		1.0	0.56	ug/L			03/23/20 14:56	1
1,3-Dichlorobenzene	<0.54		1.0	0.54	ug/L			03/23/20 14:56	1
1,3-Dichloropropane	<0.50		1.0	0.50	ug/L			03/23/20 14:56	1
1,4-Dichlorobenzene	<0.64		1.0	0.64	ug/L			03/23/20 14:56	1
2,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/23/20 14:56	1
2-Butanone (MEK)	<2.6		25	2.6	ug/L			03/23/20 14:56	1
2-Chlorotoluene	<0.57		1.0	0.57	ug/L			03/23/20 14:56	1
2-Hexanone	<3.1		25	3.1	ug/L			03/23/20 14:56	1
4-Chlorotoluene	<0.56		1.0	0.56	ug/L			03/23/20 14:56	1
4-Isopropyltoluene	<0.71		1.0	0.71	ug/L			03/23/20 14:56	1
4-Methyl-2-pentanone (MIBK)	<1.8		25	1.8	ug/L			03/23/20 14:56	1
Acetone	<10		25	10	ug/L			03/23/20 14:56	1
Benzene	<0.38		1.0	0.38	ug/L			03/23/20 14:56	1
Bromobenzene	<0.54		1.0	0.54	ug/L			03/23/20 14:56	1
Bromoform	<0.71		5.0	0.71	ug/L			03/23/20 14:56	1
Bromomethane	<0.98		1.0	0.98	ug/L			03/23/20 14:56	1
Carbon disulfide	<0.50		1.0	0.50	ug/L			03/23/20 14:56	1
Carbon tetrachloride	<0.50		1.0	0.50	ug/L			03/23/20 14:56	1
Chlorobenzene	<0.50		1.0	0.50	ug/L			03/23/20 14:56	1
Chlorobromomethane	<0.52		1.0	0.52	ug/L			03/23/20 14:56	1
Chlorodibromomethane	<0.50		1.0	0.50	ug/L			03/23/20 14:56	1
Chloroethane	<0.76		1.0	0.76	ug/L			03/23/20 14:56	1
Chloroform	<0.60		1.0	0.60	ug/L			03/23/20 14:56	1
Chloromethane	<0.83		1.0	0.83	ug/L			03/23/20 14:56	1
cis-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/23/20 14:56	1
cis-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/23/20 14:56	1
Dibromomethane	<0.59		5.0	0.59	ug/L			03/23/20 14:56	1
Dichlorobromomethane	<0.50		1.0	0.50	ug/L			03/23/20 14:56	1
Dichlorodifluoromethane	<0.85		1.0	0.85	ug/L			03/23/20 14:56	1
Ethylbenzene	<0.50		1.0	0.50	ug/L			03/23/20 14:56	1
Ethylene Dibromide	<0.50		1.0	0.50	ug/L			03/23/20 14:56	1
Hexachlorobutadiene	<0.90		5.0	0.90	ug/L			03/23/20 14:56	1
Iodomethane	<0.90		1.0	0.90	ug/L			03/23/20 14:56	1
Isopropyl ether	<0.70		1.0	0.70	ug/L			03/23/20 14:56	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Client Sample ID: TMW-DUP

Date Collected: 03/10/20 10:40
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-8

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.53		1.0	0.53	ug/L			03/23/20 14:56	1
Methyl tert-butyl ether	<0.74		1.0	0.74	ug/L			03/23/20 14:56	1
Methylene Chloride	<3.0		5.0	3.0	ug/L			03/23/20 14:56	1
m-Xylene & p-Xylene	<1.6		5.0	1.6	ug/L			03/23/20 14:56	1
Naphthalene	<1.0		1.0	1.0	ug/L			03/23/20 14:56	1
n-Butylbenzene	<0.76		1.0	0.76	ug/L			03/23/20 14:56	1
N-Propylbenzene	<0.69		1.0	0.69	ug/L			03/23/20 14:56	1
o-Xylene	<0.60		5.0	0.60	ug/L			03/23/20 14:56	1
sec-Butylbenzene	<0.70		1.0	0.70	ug/L			03/23/20 14:56	1
Styrene	<1.0		1.0	1.0	ug/L			03/23/20 14:56	1
tert-Butylbenzene	<0.63		1.0	0.63	ug/L			03/23/20 14:56	1
Tetrachloroethene	<0.58		1.0	0.58	ug/L			03/23/20 14:56	1
Toluene	<0.41		1.0	0.41	ug/L			03/23/20 14:56	1
trans-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/23/20 14:56	1
trans-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/23/20 14:56	1
Trichloroethene	<0.50		1.0	0.50	ug/L			03/23/20 14:56	1
Trichlorofluoromethane	<0.52		1.0	0.52	ug/L			03/23/20 14:56	1
Vinyl acetate	<2.0		25	2.0	ug/L			03/23/20 14:56	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			03/23/20 14:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*82*		*78 - 118*		*03/23/20 14:56*	*1*
Dibromofluoromethane	*98*		*81 - 121*		*03/23/20 14:56*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*03/23/20 14:56*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.18		11	0.18	ug/L		03/17/20 12:27	03/20/20 21:17	1
1,2,4,5-Tetrachlorobenzene	<0.19		11	0.19	ug/L		03/17/20 12:27	03/20/20 21:17	1
1,2,4-Trichlorobenzene	<0.19		11	0.19	ug/L		03/17/20 12:27	03/20/20 21:17	1
1,2-Dichlorobenzene	<0.18		11	0.18	ug/L		03/17/20 12:27	03/20/20 21:17	1
1,3-Dichlorobenzene	<0.19		11	0.19	ug/L		03/17/20 12:27	03/20/20 21:17	1
1,3-Dinitrobenzene	<1.1		11	1.1	ug/L		03/17/20 12:27	03/20/20 21:17	1
1,4-Dichlorobenzene	<0.17		11	0.17	ug/L		03/17/20 12:27	03/20/20 21:17	1
1,4-Dioxane	<1.1		11	1.1	ug/L		03/17/20 12:27	03/20/20 21:17	1
1-Methylnaphthalene	<0.16		11	0.16	ug/L		03/17/20 12:27	03/20/20 21:17	1
2,2'-oxybis(1-chloropropane)	<0.17		11	0.17	ug/L		03/17/20 12:27	03/20/20 21:17	1
2,3,4,6-Tetrachlorophenol	<1.7		11	1.7	ug/L		03/17/20 12:27	03/20/20 21:17	1
2,4,5-Trichlorophenol	<4.0		11	4.0	ug/L		03/17/20 12:27	03/20/20 21:17	1
2,4,6-Trichlorophenol	<3.8		11	3.8	ug/L		03/17/20 12:27	03/20/20 21:17	1
2,4-Dichlorophenol	<3.2		11	3.2	ug/L		03/17/20 12:27	03/20/20 21:17	1
2,4-Dimethylphenol	<3.8		11	3.8	ug/L		03/17/20 12:27	03/20/20 21:17	1
2,4-Dinitrophenol	<3.7		32	3.7	ug/L		03/17/20 12:27	03/20/20 21:17	1
2,4-Dinitrotoluene	<2.0		11	2.0	ug/L		03/17/20 12:27	03/20/20 21:17	1
2,6-Dinitrotoluene	<2.0		11	2.0	ug/L		03/17/20 12:27	03/20/20 21:17	1
2-Chloronaphthalene	<0.15		11	0.15	ug/L		03/17/20 12:27	03/20/20 21:17	1
2-Chlorophenol	<2.4		11	2.4	ug/L		03/17/20 12:27	03/20/20 21:17	1
2-Methylnaphthalene	<0.14		11	0.14	ug/L		03/17/20 12:27	03/20/20 21:17	1
2-Methylphenol	<1.9		11	1.9	ug/L		03/17/20 12:27	03/20/20 21:17	1
2-Nitroaniline	<2.4		11	2.4	ug/L		03/17/20 12:27	03/20/20 21:17	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Client Sample ID: TMW-DUP
Date Collected: 03/10/20 10:40
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-8
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<5.6		11	5.6	ug/L		03/17/20 12:27	03/20/20 21:17	1
3 & 4 Methylphenol	<0.42		22	0.42	ug/L		03/17/20 12:27	03/20/20 21:17	1
3,3'-Dichlorobenzidine	<2.8	* *1	11	2.8	ug/L		03/17/20 12:27	03/20/20 21:17	1
3-Nitroaniline	<1.9		11	1.9	ug/L		03/17/20 12:27	03/20/20 21:17	1
4,6-Dinitro-2-methylphenol	<1.7		11	1.7	ug/L		03/17/20 12:27	03/20/20 21:17	1
4-Bromophenyl phenyl ether	<0.22		11	0.22	ug/L		03/17/20 12:27	03/20/20 21:17	1
4-Chloro-3-methylphenol	<4.1		11	4.1	ug/L		03/17/20 12:27	03/20/20 21:17	1
4-Chloroaniline	<3.7	* *1	11	3.7	ug/L		03/17/20 12:27	03/20/20 21:17	1
4-Chlorophenyl phenyl ether	<2.2		11	2.2	ug/L		03/17/20 12:27	03/20/20 21:17	1
4-Nitroaniline	<1.6		11	1.6	ug/L		03/17/20 12:27	03/20/20 21:17	1
4-Nitrophenol	<2.3		11	2.3	ug/L		03/17/20 12:27	03/20/20 21:17	1
Acenaphthene	<0.17		11	0.17	ug/L		03/17/20 12:27	03/20/20 21:17	1
Acenaphthylene	<0.18		11	0.18	ug/L		03/17/20 12:27	03/20/20 21:17	1
Acetophenone	<0.15		11	0.15	ug/L		03/17/20 12:27	03/20/20 21:17	1
Aniline	<4.1	* *1	11	4.1	ug/L		03/17/20 12:27	03/20/20 21:17	1
Anthracene	<0.19		11	0.19	ug/L		03/17/20 12:27	03/20/20 21:17	1
Atrazine	<0.26		11	0.26	ug/L		03/17/20 12:27	03/20/20 21:17	1
Azobenzene	<1.1		11	1.1	ug/L		03/17/20 12:27	03/20/20 21:17	1
Benzaldehyde	<0.45		11	0.45	ug/L		03/17/20 12:27	03/20/20 21:17	1
Benzidine	<22	* *1	27	22	ug/L		03/17/20 12:27	03/20/20 21:17	1
Benzo[a]anthracene	<0.19		11	0.19	ug/L		03/17/20 12:27	03/20/20 21:17	1
Benzo[a]pyrene	<0.13		11	0.13	ug/L		03/17/20 12:27	03/20/20 21:17	1
Benzo[b]fluoranthene	<0.16		11	0.16	ug/L		03/17/20 12:27	03/20/20 21:17	1
Benzo[g,h,i]perylene	<0.25		11	0.25	ug/L		03/17/20 12:27	03/20/20 21:17	1
Benzo[k]fluoranthene	<0.17		11	0.17	ug/L		03/17/20 12:27	03/20/20 21:17	1
Benzoic acid	**14**	**J**	32	7.9	ug/L		03/17/20 12:27	03/20/20 21:17	1
Benzyl alcohol	<2.2		11	2.2	ug/L		03/17/20 12:27	03/20/20 21:17	1
Bis(2-chloroethoxy)methane	<0.17		11	0.17	ug/L		03/17/20 12:27	03/20/20 21:17	1
Bis(2-chloroethyl)ether	<2.9	*1	11	2.9	ug/L		03/17/20 12:27	03/20/20 21:17	1
Bis(2-ethylhexyl) phthalate	<5.4		11	5.4	ug/L		03/17/20 12:27	03/20/20 21:17	1
Butyl benzyl phthalate	<0.20		11	0.20	ug/L		03/17/20 12:27	03/20/20 21:17	1
Caprolactam	**16**		11	4.1	ug/L		03/17/20 12:27	03/20/20 21:17	1
Carbazole	<0.25		11	0.25	ug/L		03/17/20 12:27	03/20/20 21:17	1
Chrysene	<0.20		11	0.20	ug/L		03/17/20 12:27	03/20/20 21:17	1
Dibenz(a,h)anthracene	<0.26		11	0.26	ug/L		03/17/20 12:27	03/20/20 21:17	1
Dibenzofuran	<0.18		11	0.18	ug/L		03/17/20 12:27	03/20/20 21:17	1
Diethyl phthalate	<0.26		11	0.26	ug/L		03/17/20 12:27	03/20/20 21:17	1
Dimethyl phthalate	<0.18		11	0.18	ug/L		03/17/20 12:27	03/20/20 21:17	1
Di-n-butyl phthalate	<2.9		11	2.9	ug/L		03/17/20 12:27	03/20/20 21:17	1
Di-n-octyl phthalate	<0.18		11	0.18	ug/L		03/17/20 12:27	03/20/20 21:17	1
Fluoranthene	<0.19		11	0.19	ug/L		03/17/20 12:27	03/20/20 21:17	1
Fluorene	<0.19		11	0.19	ug/L		03/17/20 12:27	03/20/20 21:17	1
Hexachlorobenzene	<0.18		11	0.18	ug/L		03/17/20 12:27	03/20/20 21:17	1
Hexachlorobutadiene	<0.59		11	0.59	ug/L		03/17/20 12:27	03/20/20 21:17	1
Hexachlorocyclopentadiene	<2.8		22	2.8	ug/L		03/17/20 12:27	03/20/20 21:17	1
Hexachloroethane	<4.5		11	4.5	ug/L		03/17/20 12:27	03/20/20 21:17	1
Hexadecane	<1.1		11	1.1	ug/L		03/17/20 12:27	03/20/20 21:17	1
Indeno[1,2,3-cd]pyrene	<0.24		11	0.24	ug/L		03/17/20 12:27	03/20/20 21:17	1
Isophorone	<0.15		11	0.15	ug/L		03/17/20 12:27	03/20/20 21:17	1

Client Sample ID: TMW-DUP

Date Collected: 03/10/20 10:40
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-8

Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.18		11	0.18	ug/L		03/17/20 12:27	03/20/20 21:17	1
n-Decane	<1.1		11	1.1	ug/L		03/17/20 12:27	03/20/20 21:17	1
Nitrobenzene	<0.14		11	0.14	ug/L		03/17/20 12:27	03/20/20 21:17	1
N-Nitrosodimethylamine	<3.8		11	3.8	ug/L		03/17/20 12:27	03/20/20 21:17	1
N-Nitrosodi-n-propylamine	<3.6		11	3.6	ug/L		03/17/20 12:27	03/20/20 21:17	1
N-Nitrosodiphenylamine	<0.19		11	0.19	ug/L		03/17/20 12:27	03/20/20 21:17	1
n-Octadecane	<1.1		11	1.1	ug/L		03/17/20 12:27	03/20/20 21:17	1
Pentachlorophenol	<1.5		22	1.5	ug/L		03/17/20 12:27	03/20/20 21:17	1
Phenanthrene	<0.19		11	0.19	ug/L		03/17/20 12:27	03/20/20 21:17	1
Phenol	<2.8		11	2.8	ug/L		03/17/20 12:27	03/20/20 21:17	1
Pyrene	<0.23		11	0.23	ug/L		03/17/20 12:27	03/20/20 21:17	1
Pyridine	<3.4	* *1	11	3.4	ug/L		03/17/20 12:27	03/20/20 21:17	1
Sulfolane	<0.62		11	0.62	ug/L		03/17/20 12:27	03/20/20 21:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*79*		*26 - 150*	*03/17/20 12:27*	*03/20/20 21:17*	*1*
2-Fluorobiphenyl	*74*		*46 - 124*	*03/17/20 12:27*	*03/20/20 21:17*	*1*
2-Fluorophenol (Surr)	*50*		*13 - 113*	*03/17/20 12:27*	*03/20/20 21:17*	*1*
Nitrobenzene-d5 (Surr)	*73*		*36 - 126*	*03/17/20 12:27*	*03/20/20 21:17*	*1*
Phenol-d5 (Surr)	*68*		*17 - 127*	*03/17/20 12:27*	*03/20/20 21:17*	*1*
Terphenyl-d14 (Surr)	*81*		*44 - 149*	*03/17/20 12:27*	*03/20/20 21:17*	*1*

Method: 8015C - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<47		100	47	ug/L			03/15/20 18:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*102*		*78 - 119*		*03/15/20 18:25*	*1*

Method: 8015C - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**360**	**B**	120	92	ug/L		03/16/20 09:27	03/17/20 19:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*96*		*40 - 140*	*03/16/20 09:27*	*03/17/20 19:18*	*1*

Method: 8015C - Diesel Range Organics (DRO) (GC) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**130**	**H B**	120	97	ug/L		03/20/20 08:49	03/23/20 16:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*93*		*40 - 140*	*03/20/20 08:49*	*03/23/20 16:20*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.11		0.51	0.11	ug/L		03/13/20 15:13	03/18/20 08:35	1
PCB-1221	<0.089		0.51	0.089	ug/L		03/13/20 15:13	03/18/20 08:35	1
PCB-1232	<0.040		0.51	0.040	ug/L		03/13/20 15:13	03/18/20 08:35	1
PCB-1242	<0.014		0.51	0.014	ug/L		03/13/20 15:13	03/18/20 08:35	1
PCB-1248	<0.0081		0.51	0.0081	ug/L		03/13/20 15:13	03/18/20 08:35	1
PCB-1254	<0.023		0.51	0.023	ug/L		03/13/20 15:13	03/18/20 08:35	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Client Sample ID: TMW-DUP

Date Collected: 03/10/20 10:40
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-8

Matrix: Water

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	<0.062		0.51	0.062	ug/L		03/13/20 15:13	03/18/20 08:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*78*		*10 - 125*	*03/13/20 15:13*	*03/18/20 08:35*	*1*
Tetrachloro-m-xylene	*70*		*46 - 150*	*03/13/20 15:13*	*03/18/20 08:35*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0032**	**J**	0.010	0.0030	mg/L		03/17/20 16:21	03/20/20 00:38	1
Barium	**0.21**		0.010	0.0030	mg/L		03/17/20 16:21	03/20/20 16:30	1
Cadmium	<0.0010		0.0050	0.0010	mg/L		03/17/20 16:21	03/20/20 00:38	1
Chromium	**0.015**		0.010	0.0050	mg/L		03/17/20 16:21	03/20/20 00:38	1
Lead	**0.027**		0.010	0.0020	mg/L		03/17/20 16:21	03/20/20 00:38	1
Selenium	<0.0080		0.020	0.0080	mg/L		03/17/20 16:21	03/20/20 00:38	1
Silver	<0.0010		0.0050	0.0010	mg/L		03/17/20 16:21	03/20/20 16:30	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		03/26/20 08:22	03/26/20 12:34	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 400-483102/4
Matrix: Water
Analysis Batch: 483102

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.52		1.0	0.52	ug/L			03/23/20 09:17	1
1,1,1-Trichloroethane	<0.50		1.0	0.50	ug/L			03/23/20 09:17	1
1,1,2,2-Tetrachloroethane	<0.50		1.0	0.50	ug/L			03/23/20 09:17	1
1,1,2-Trichloroethane	<0.50		5.0	0.50	ug/L			03/23/20 09:17	1
1,1-Dichloroethane	<0.50		1.0	0.50	ug/L			03/23/20 09:17	1
1,1-Dichloroethene	<0.50		1.0	0.50	ug/L			03/23/20 09:17	1
1,1-Dichloropropene	<0.50		1.0	0.50	ug/L			03/23/20 09:17	1
1,2,3-Trichlorobenzene	<0.70		1.0	0.70	ug/L			03/23/20 09:17	1
1,2,3-Trichloropropane	<0.84		5.0	0.84	ug/L			03/23/20 09:17	1
1,2,4-Trichlorobenzene	<0.82		1.0	0.82	ug/L			03/23/20 09:17	1
1,2,4-Trimethylbenzene	<0.82		1.0	0.82	ug/L			03/23/20 09:17	1
1,2-Dibromo-3-Chloropropane	<1.5		5.0	1.5	ug/L			03/23/20 09:17	1
1,2-Dichlorobenzene	<0.50		1.0	0.50	ug/L			03/23/20 09:17	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			03/23/20 09:17	1
1,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/23/20 09:17	1
1,3,5-Trimethylbenzene	<0.56		1.0	0.56	ug/L			03/23/20 09:17	1
1,3-Dichlorobenzene	<0.54		1.0	0.54	ug/L			03/23/20 09:17	1
1,3-Dichloropropane	<0.50		1.0	0.50	ug/L			03/23/20 09:17	1
1,4-Dichlorobenzene	<0.64		1.0	0.64	ug/L			03/23/20 09:17	1
2,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/23/20 09:17	1
2-Butanone (MEK)	<2.6		25	2.6	ug/L			03/23/20 09:17	1
2-Chlorotoluene	<0.57		1.0	0.57	ug/L			03/23/20 09:17	1
2-Hexanone	<3.1		25	3.1	ug/L			03/23/20 09:17	1
4-Chlorotoluene	<0.56		1.0	0.56	ug/L			03/23/20 09:17	1
4-Isopropyltoluene	<0.71		1.0	0.71	ug/L			03/23/20 09:17	1
4-Methyl-2-pentanone (MIBK)	<1.8		25	1.8	ug/L			03/23/20 09:17	1
Acetone	<10		25	10	ug/L			03/23/20 09:17	1
Benzene	<0.38		1.0	0.38	ug/L			03/23/20 09:17	1
Bromobenzene	<0.54		1.0	0.54	ug/L			03/23/20 09:17	1
Bromoform	<0.71		5.0	0.71	ug/L			03/23/20 09:17	1
Bromomethane	<0.98		1.0	0.98	ug/L			03/23/20 09:17	1
Carbon disulfide	<0.50		1.0	0.50	ug/L			03/23/20 09:17	1
Carbon tetrachloride	<0.50		1.0	0.50	ug/L			03/23/20 09:17	1
Chlorobenzene	<0.50		1.0	0.50	ug/L			03/23/20 09:17	1
Chlorobromomethane	<0.52		1.0	0.52	ug/L			03/23/20 09:17	1
Chlorodibromomethane	<0.50		1.0	0.50	ug/L			03/23/20 09:17	1
Chloroethane	<0.76		1.0	0.76	ug/L			03/23/20 09:17	1
Chloroform	<0.60		1.0	0.60	ug/L			03/23/20 09:17	1
Chloromethane	<0.83		1.0	0.83	ug/L			03/23/20 09:17	1
cis-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/23/20 09:17	1
cis-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/23/20 09:17	1
Dibromomethane	<0.59		5.0	0.59	ug/L			03/23/20 09:17	1
Dichlorobromomethane	<0.50		1.0	0.50	ug/L			03/23/20 09:17	1
Dichlorodifluoromethane	<0.85		1.0	0.85	ug/L			03/23/20 09:17	1
Ethylbenzene	<0.50		1.0	0.50	ug/L			03/23/20 09:17	1
Ethylene Dibromide	<0.50		1.0	0.50	ug/L			03/23/20 09:17	1
Hexachlorobutadiene	<0.90		5.0	0.90	ug/L			03/23/20 09:17	1
Iodomethane	<0.90		1.0	0.90	ug/L			03/23/20 09:17	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 400-483102/4
Matrix: Water
Analysis Batch: 483102

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl ether	<0.70		1.0	0.70	ug/L			03/23/20 09:17	1
Isopropylbenzene	<0.53		1.0	0.53	ug/L			03/23/20 09:17	1
Methyl tert-butyl ether	<0.74		1.0	0.74	ug/L			03/23/20 09:17	1
Methylene Chloride	<3.0		5.0	3.0	ug/L			03/23/20 09:17	1
m-Xylene & p-Xylene	<1.6		5.0	1.6	ug/L			03/23/20 09:17	1
Naphthalene	<1.0		1.0	1.0	ug/L			03/23/20 09:17	1
n-Butylbenzene	<0.76		1.0	0.76	ug/L			03/23/20 09:17	1
N-Propylbenzene	<0.69		1.0	0.69	ug/L			03/23/20 09:17	1
o-Xylene	<0.60		5.0	0.60	ug/L			03/23/20 09:17	1
sec-Butylbenzene	<0.70		1.0	0.70	ug/L			03/23/20 09:17	1
Styrene	<1.0		1.0	1.0	ug/L			03/23/20 09:17	1
tert-Butylbenzene	<0.63		1.0	0.63	ug/L			03/23/20 09:17	1
Tetrachloroethene	<0.58		1.0	0.58	ug/L			03/23/20 09:17	1
Toluene	<0.41		1.0	0.41	ug/L			03/23/20 09:17	1
trans-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/23/20 09:17	1
trans-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/23/20 09:17	1
Trichloroethene	<0.50		1.0	0.50	ug/L			03/23/20 09:17	1
Trichlorofluoromethane	<0.52		1.0	0.52	ug/L			03/23/20 09:17	1
Vinyl acetate	<2.0		25	2.0	ug/L			03/23/20 09:17	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			03/23/20 09:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*83*		*78 - 118*		*03/23/20 09:17*	*1*
Dibromofluoromethane	*99*		*81 - 121*		*03/23/20 09:17*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*03/23/20 09:17*	*1*

Lab Sample ID: LCS 400-483102/1002
Matrix: Water
Analysis Batch: 483102

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	49.2		ug/L		98	67 - 131
1,1,1-Trichloroethane	50.0	46.7		ug/L		93	68 - 130
1,1,2,2-Tetrachloroethane	50.0	44.4		ug/L		89	70 - 131
1,1,2-Trichloroethane	50.0	47.5		ug/L		95	70 - 130
1,1-Dichloroethane	50.0	50.7		ug/L		101	70 - 130
1,1-Dichloroethene	50.0	56.9		ug/L		114	63 - 134
1,1-Dichloropropene	50.0	51.0		ug/L		102	70 - 130
1,2,3-Trichlorobenzene	50.0	47.2		ug/L		94	60 - 138
1,2,3-Trichloropropane	50.0	43.9		ug/L		88	70 - 130
1,2,4-Trichlorobenzene	50.0	49.1		ug/L		98	60 - 140
1,2,4-Trimethylbenzene	50.0	48.1		ug/L		96	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	44.7		ug/L		89	54 - 135
1,2-Dichlorobenzene	50.0	52.1		ug/L		104	67 - 130
1,2-Dichloroethane	50.0	45.2		ug/L		90	69 - 130
1,2-Dichloropropane	50.0	49.8		ug/L		100	70 - 130
1,3,5-Trimethylbenzene	50.0	48.6		ug/L		97	69 - 130
1,3-Dichlorobenzene	50.0	53.2		ug/L		106	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 400-483102/1002
Matrix: Water
Analysis Batch: 483102

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichloropropane	50.0	47.9		ug/L		96	70 - 130
1,4-Dichlorobenzene	50.0	52.5		ug/L		105	70 - 130
2,2-Dichloropropane	50.0	45.0		ug/L		90	52 - 135
2-Butanone (MEK)	200	215		ug/L		107	61 - 145
2-Chlorotoluene	50.0	45.9		ug/L		92	70 - 130
2-Hexanone	200	179		ug/L		90	65 - 137
4-Chlorotoluene	50.0	47.0		ug/L		94	70 - 130
4-Isopropyltoluene	50.0	53.6		ug/L		107	65 - 130
4-Methyl-2-pentanone (MIBK)	200	195		ug/L		98	69 - 138
Acetone	200	184		ug/L		92	43 - 160
Benzene	50.0	53.0		ug/L		106	70 - 130
Bromobenzene	50.0	54.2		ug/L		108	70 - 132
Bromoform	50.0	46.8		ug/L		94	57 - 140
Bromomethane	50.0	70.7		ug/L		141	10 - 160
Carbon disulfide	50.0	52.6		ug/L		105	61 - 137
Carbon tetrachloride	50.0	47.2		ug/L		94	61 - 137
Chlorobenzene	50.0	52.6		ug/L		105	70 - 130
Chlorobromomethane	50.0	60.6		ug/L		121	70 - 130
Chlorodibromomethane	50.0	50.5		ug/L		101	67 - 135
Chloroethane	50.0	63.8		ug/L		128	55 - 141
Chloroform	50.0	48.3		ug/L		97	69 - 130
Chloromethane	50.0	54.1		ug/L		108	58 - 137
cis-1,2-Dichloroethene	50.0	48.9		ug/L		98	68 - 130
cis-1,3-Dichloropropene	50.0	50.3		ug/L		101	69 - 132
Dibromomethane	50.0	49.6		ug/L		99	70 - 130
Dichlorobromomethane	50.0	47.0		ug/L		94	67 - 133
Dichlorodifluoromethane	50.0	41.5		ug/L		83	41 - 146
Ethylbenzene	50.0	49.8		ug/L		100	70 - 130
Ethylene Dibromide	50.0	47.9		ug/L		96	70 - 130
Hexachlorobutadiene	50.0	46.8		ug/L		94	53 - 140
Iodomethane	50.0	58.3		ug/L		117	27 - 159
Isopropyl ether	50.0	49.4		ug/L		99	64 - 132
Isopropylbenzene	50.0	52.1		ug/L		104	70 - 130
Methyl tert-butyl ether	50.0	51.0		ug/L		102	66 - 130
Methylene Chloride	50.0	53.9		ug/L		108	66 - 135
m-Xylene & p-Xylene	50.0	48.9		ug/L		98	70 - 130
Naphthalene	50.0	45.7		ug/L		91	47 - 149
n-Butylbenzene	50.0	50.7		ug/L		101	67 - 130
N-Propylbenzene	50.0	48.3		ug/L		97	70 - 130
o-Xylene	50.0	50.1		ug/L		100	70 - 130
sec-Butylbenzene	50.0	51.0		ug/L		102	66 - 130
Styrene	50.0	54.4		ug/L		109	70 - 130
tert-Butylbenzene	50.0	45.2		ug/L		90	64 - 139
Tetrachloroethene	50.0	51.0		ug/L		102	65 - 130
Toluene	50.0	49.8		ug/L		100	70 - 130
trans-1,2-Dichloroethene	50.0	54.7		ug/L		109	70 - 130
trans-1,3-Dichloropropene	50.0	44.8		ug/L		90	63 - 130
Trichloroethene	50.0	55.2		ug/L		110	70 - 130
Trichlorofluoromethane	50.0	52.6		ug/L		105	65 - 138

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 400-483102/1002
Matrix: Water
Analysis Batch: 483102

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Vinyl acetate			100	112		ug/L		112	26 - 160		
Vinyl chloride			50.0	54.2		ug/L		108	59 - 136		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*84*		*78 - 118*
Dibromofluoromethane	*99*		*81 - 121*
Toluene-d8 (Surr)	*95*		*80 - 120*

Lab Sample ID: 400-185115-A-9 MS
Matrix: Water
Analysis Batch: 483102

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1,1,2-Tetrachloroethane	<0.52		50.0	46.8		ug/L		94	59 - 137		
1,1,1-Trichloroethane	<0.50		50.0	46.7		ug/L		93	57 - 142		
1,1,2,2-Tetrachloroethane	<0.50		50.0	42.2		ug/L		84	66 - 135		
1,1,2-Trichloroethane	<0.50		50.0	45.5		ug/L		91	66 - 131		
1,1-Dichloroethane	<0.50		50.0	50.7		ug/L		101	61 - 144		
1,1-Dichloroethene	<0.50		50.0	55.3		ug/L		111	54 - 147		
1,1-Dichloropropene	<0.50		50.0	50.5		ug/L		101	65 - 136		
1,2,3-Trichlorobenzene	<0.70		50.0	43.7		ug/L		87	43 - 145		
1,2,3-Trichloropropane	<0.84		50.0	40.5		ug/L		81	65 - 133		
1,2,4-Trichlorobenzene	<0.82		50.0	44.4		ug/L		89	39 - 148		
1,2,4-Trimethylbenzene	<0.82		50.0	45.2		ug/L		90	50 - 139		
1,2-Dibromo-3-Chloropropane	<1.5		50.0	41.9		ug/L		84	45 - 135		
1,2-Dichlorobenzene	<0.50		50.0	49.6		ug/L		99	52 - 137		
1,2-Dichloroethane	<0.50		50.0	44.2		ug/L		88	60 - 141		
1,2-Dichloropropane	<0.50		50.0	50.2		ug/L		100	66 - 137		
1,3,5-Trimethylbenzene	<0.56		50.0	45.3		ug/L		91	52 - 135		
1,3-Dichlorobenzene	<0.54		50.0	49.2		ug/L		98	54 - 135		
1,3-Dichloropropane	<0.50		50.0	45.8		ug/L		92	66 - 133		
1,4-Dichlorobenzene	<0.64		50.0	48.5		ug/L		97	53 - 135		
2,2-Dichloropropane	<0.50		50.0	44.3		ug/L		89	42 - 144		
2-Butanone (MEK)	<2.6		200	197		ug/L		98	55 - 150		
2-Chlorotoluene	<0.57		50.0	45.0		ug/L		90	53 - 134		
2-Hexanone	<3.1		200	161		ug/L		80	65 - 140		
4-Chlorotoluene	<0.56		50.0	43.2		ug/L		86	54 - 133		
4-Isopropyltoluene	<0.71		50.0	48.1		ug/L		96	48 - 139		
4-Methyl-2-pentanone (MIBK)	<1.8		200	182		ug/L		91	63 - 146		
Acetone	<10		200	158		ug/L		79	43 - 150		
Benzene	<0.38		50.0	52.5		ug/L		105	56 - 142		
Bromobenzene	<0.54		50.0	50.4		ug/L		101	59 - 136		
Bromoform	<0.71		50.0	42.3		ug/L		85	50 - 140		
Bromomethane	<0.98		50.0	70.9		ug/L		142	10 - 150		
Carbon disulfide	<0.50		50.0	52.2		ug/L		104	48 - 150		
Carbon tetrachloride	<0.50		50.0	46.7		ug/L		93	55 - 145		
Chlorobenzene	<0.50		50.0	50.5		ug/L		101	64 - 130		
Chlorobromomethane	<0.52		50.0	59.0		ug/L		118	64 - 140		

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-185115-A-9 MS
Matrix: Water
Analysis Batch: 483102

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorodibromomethane	<0.50		50.0	48.0		ug/L		96	56 - 143
Chloroethane	<0.76		50.0	63.7		ug/L		127	50 - 150
Chloroform	<0.60		50.0	48.7		ug/L		97	60 - 141
Chloromethane	<0.83		50.0	52.7		ug/L		105	49 - 148
cis-1,2-Dichloroethene	<0.50		50.0	48.0		ug/L		96	59 - 143
cis-1,3-Dichloropropene	<0.50		50.0	49.8		ug/L		100	57 - 140
Dibromomethane	<0.59		50.0	48.5		ug/L		97	63 - 138
Dichlorobromomethane	<0.50		50.0	46.2		ug/L		92	59 - 143
Dichlorodifluoromethane	<0.85		50.0	40.9		ug/L		82	16 - 150
Ethylbenzene	<0.50		50.0	47.3		ug/L		95	58 - 131
Ethylene Dibromide	<0.50		50.0	46.2		ug/L		92	64 - 132
Hexachlorobutadiene	<0.90		50.0	39.9		ug/L		80	31 - 149
Iodomethane	<0.90		50.0	57.6		ug/L		115	20 - 150
Isopropyl ether	<0.70		50.0	52.2		ug/L		104	60 - 144
Isopropylbenzene	<0.53		50.0	48.7		ug/L		97	56 - 133
Methyl tert-butyl ether	<0.74		50.0	49.0		ug/L		98	59 - 137
Methylene Chloride	<3.0		50.0	54.6		ug/L		109	60 - 146
m-Xylene & p-Xylene	<1.6		50.0	45.7		ug/L		91	57 - 130
Naphthalene	<1.0		50.0	42.1		ug/L		84	25 - 150
n-Butylbenzene	<0.76		50.0	44.8		ug/L		90	41 - 142
N-Propylbenzene	<0.69		50.0	44.4		ug/L		89	51 - 138
o-Xylene	<0.60		50.0	47.0		ug/L		94	61 - 130
sec-Butylbenzene	<0.70		50.0	45.7		ug/L		91	50 - 138
Styrene	<1.0		50.0	51.2		ug/L		102	58 - 131
tert-Butylbenzene	<0.63		50.0	41.9		ug/L		84	54 - 146
Tetrachloroethene	<0.58		50.0	47.3		ug/L		95	52 - 133
Toluene	<0.41		50.0	47.4		ug/L		95	65 - 130
trans-1,2-Dichloroethene	<0.50		50.0	54.4		ug/L		109	61 - 143
trans-1,3-Dichloropropene	<0.50		50.0	41.6		ug/L		83	53 - 133
Trichloroethene	<0.50		50.0	55.1		ug/L		110	64 - 136
Trichlorofluoromethane	<0.52		50.0	51.7		ug/L		103	54 - 150
Vinyl acetate	<2.0		100	108		ug/L		108	26 - 150
Vinyl chloride	<0.50		50.0	53.8		ug/L		108	46 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*84*		*78 - 118*
Dibromofluoromethane	*99*		*81 - 121*
Toluene-d8 (Surr)	*95*		*80 - 120*

Lab Sample ID: 400-185115-A-9 MSD
Matrix: Water
Analysis Batch: 483102

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<0.52		50.0	47.3		ug/L		95	59 - 137	1	30
1,1,1-Trichloroethane	<0.50		50.0	47.6		ug/L		95	57 - 142	2	30
1,1,2,2-Tetrachloroethane	<0.50		50.0	41.6		ug/L		83	66 - 135	1	30
1,1,2-Trichloroethane	<0.50		50.0	46.3		ug/L		93	66 - 131	2	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-185115-A-9 MSD
Matrix: Water
Analysis Batch: 483102

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	<0.50		50.0	50.5		ug/L		101	61 - 144	0	30
1,1-Dichloroethene	<0.50		50.0	58.1		ug/L		116	54 - 147	5	30
1,1-Dichloropropene	<0.50		50.0	51.1		ug/L		102	65 - 136	1	30
1,2,3-Trichlorobenzene	<0.70		50.0	44.4		ug/L		89	43 - 145	2	30
1,2,3-Trichloropropane	<0.84		50.0	40.8		ug/L		82	65 - 133	1	30
1,2,4-Trichlorobenzene	<0.82		50.0	44.1		ug/L		88	39 - 148	1	30
1,2,4-Trimethylbenzene	<0.82		50.0	44.8		ug/L		90	50 - 139	1	30
1,2-Dibromo-3-Chloropropane	<1.5		50.0	41.2		ug/L		82	45 - 135	2	30
1,2-Dichlorobenzene	<0.50		50.0	49.0		ug/L		98	52 - 137	1	30
1,2-Dichloroethane	<0.50		50.0	45.0		ug/L		90	60 - 141	2	30
1,2-Dichloropropane	<0.50		50.0	49.8		ug/L		100	66 - 137	1	30
1,3,5-Trimethylbenzene	<0.56		50.0	45.0		ug/L		90	52 - 135	1	30
1,3-Dichlorobenzene	<0.54		50.0	48.9		ug/L		98	54 - 135	1	30
1,3-Dichloropropane	<0.50		50.0	46.0		ug/L		92	66 - 133	0	30
1,4-Dichlorobenzene	<0.64		50.0	48.2		ug/L		96	53 - 135	1	30
2,2-Dichloropropane	<0.50		50.0	45.3		ug/L		91	42 - 144	2	31
2-Butanone (MEK)	<2.6		200	198		ug/L		99	55 - 150	1	30
2-Chlorotoluene	<0.57		50.0	44.8		ug/L		90	53 - 134	0	30
2-Hexanone	<3.1		200	163		ug/L		82	65 - 140	1	30
4-Chlorotoluene	<0.56		50.0	43.7		ug/L		87	54 - 133	1	30
4-Isopropyltoluene	<0.71		50.0	48.1		ug/L		96	48 - 139	0	30
4-Methyl-2-pentanone (MIBK)	<1.8		200	180		ug/L		90	63 - 146	1	30
Acetone	<10		200	171		ug/L		85	43 - 150	8	30
Benzene	<0.38		50.0	53.4		ug/L		107	56 - 142	2	30
Bromobenzene	<0.54		50.0	51.2		ug/L		102	59 - 136	2	30
Bromoform	<0.71		50.0	42.9		ug/L		86	50 - 140	1	30
Bromomethane	<0.98		50.0	70.7		ug/L		141	10 - 150	0	50
Carbon disulfide	<0.50		50.0	52.1		ug/L		104	48 - 150	0	30
Carbon tetrachloride	<0.50		50.0	47.3		ug/L		95	55 - 145	1	30
Chlorobenzene	<0.50		50.0	50.7		ug/L		101	64 - 130	0	30
Chlorobromomethane	<0.52		50.0	58.3		ug/L		117	64 - 140	1	30
Chlorodibromomethane	<0.50		50.0	48.4		ug/L		97	56 - 143	1	30
Chloroethane	<0.76		50.0	63.5		ug/L		127	50 - 150	0	30
Chloroform	<0.60		50.0	49.1		ug/L		98	60 - 141	1	30
Chloromethane	<0.83		50.0	51.8		ug/L		104	49 - 148	2	31
cis-1,2-Dichloroethene	<0.50		50.0	48.9		ug/L		98	59 - 143	2	30
cis-1,3-Dichloropropene	<0.50		50.0	49.2		ug/L		98	57 - 140	1	30
Dibromomethane	<0.59		50.0	48.6		ug/L		97	63 - 138	0	30
Dichlorobromomethane	<0.50		50.0	45.8		ug/L		92	59 - 143	1	30
Dichlorodifluoromethane	<0.85		50.0	40.9		ug/L		82	16 - 150	0	31
Ethylbenzene	<0.50		50.0	47.9		ug/L		96	58 - 131	1	30
Ethylene Dibromide	<0.50		50.0	45.7		ug/L		91	64 - 132	1	30
Hexachlorobutadiene	<0.90		50.0	38.7		ug/L		77	31 - 149	3	36
Iodomethane	<0.90		50.0	58.4		ug/L		117	20 - 150	2	44
Isopropyl ether	<0.70		50.0	50.9		ug/L		102	60 - 144	3	30
Isopropylbenzene	<0.53		50.0	49.1		ug/L		98	56 - 133	1	30
Methyl tert-butyl ether	<0.74		50.0	49.2		ug/L		98	59 - 137	1	30
Methylene Chloride	<3.0		50.0	54.7		ug/L		109	60 - 146	0	32
m-Xylene & p-Xylene	<1.6		50.0	46.3		ug/L		93	57 - 130	1	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-185115-A-9 MSD
Matrix: Water
Analysis Batch: 483102

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene	<1.0		50.0	43.9		ug/L		88	25 - 150	4	30
n-Butylbenzene	<0.76		50.0	44.3		ug/L		89	41 - 142	1	31
N-Propylbenzene	<0.69		50.0	44.8		ug/L		90	51 - 138	1	30
o-Xylene	<0.60		50.0	47.5		ug/L		95	61 - 130	1	30
sec-Butylbenzene	<0.70		50.0	46.1		ug/L		92	50 - 138	1	30
Styrene	<1.0		50.0	51.4		ug/L		103	58 - 131	0	30
tert-Butylbenzene	<0.63		50.0	43.1		ug/L		86	54 - 146	3	30
Tetrachloroethene	<0.58		50.0	47.7		ug/L		95	52 - 133	1	30
Toluene	<0.41		50.0	48.9		ug/L		98	65 - 130	3	30
trans-1,2-Dichloroethene	<0.50		50.0	54.0		ug/L		108	61 - 143	1	30
trans-1,3-Dichloropropene	<0.50		50.0	42.5		ug/L		85	53 - 133	2	30
Trichloroethene	<0.50		50.0	56.3		ug/L		113	64 - 136	2	30
Trichlorofluoromethane	<0.52		50.0	51.2		ug/L		102	54 - 150	1	30
Vinyl acetate	<2.0		100	104		ug/L		104	26 - 150	4	33
Vinyl chloride	<0.50		50.0	54.0		ug/L		108	46 - 150	0	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*85*		*78 - 118*
Dibromofluoromethane	*99*		*81 - 121*
Toluene-d8 (Surr)	*97*		*80 - 120*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 400-482280/1-A
Matrix: Water
Analysis Batch: 482848

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 482280

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.17		10	0.17	ug/L		03/17/20 12:26	03/20/20 16:51	1
1,2,4,5-Tetrachlorobenzene	<0.18		10	0.18	ug/L		03/17/20 12:26	03/20/20 16:51	1
1,2,4-Trichlorobenzene	<0.18		10	0.18	ug/L		03/17/20 12:26	03/20/20 16:51	1
1,2-Dichlorobenzene	<0.17		10	0.17	ug/L		03/17/20 12:26	03/20/20 16:51	1
1,3-Dichlorobenzene	<0.18		10	0.18	ug/L		03/17/20 12:26	03/20/20 16:51	1
1,3-Dinitrobenzene	<1.0		10	1.0	ug/L		03/17/20 12:26	03/20/20 16:51	1
1,4-Dichlorobenzene	<0.16		10	0.16	ug/L		03/17/20 12:26	03/20/20 16:51	1
1,4-Dioxane	<1.0		10	1.0	ug/L		03/17/20 12:26	03/20/20 16:51	1
1-Methylnaphthalene	<0.15		10	0.15	ug/L		03/17/20 12:26	03/20/20 16:51	1
2,2'-oxybis(1-chloropropane)	<0.16		10	0.16	ug/L		03/17/20 12:26	03/20/20 16:51	1
2,3,4,6-Tetrachlorophenol	<1.6		10	1.6	ug/L		03/17/20 12:26	03/20/20 16:51	1
2,4,5-Trichlorophenol	<3.7		10	3.7	ug/L		03/17/20 12:26	03/20/20 16:51	1
2,4,6-Trichlorophenol	<3.5		10	3.5	ug/L		03/17/20 12:26	03/20/20 16:51	1
2,4-Dichlorophenol	<3.0		10	3.0	ug/L		03/17/20 12:26	03/20/20 16:51	1
2,4-Dimethylphenol	<3.5		10	3.5	ug/L		03/17/20 12:26	03/20/20 16:51	1
2,4-Dinitrophenol	<3.4		30	3.4	ug/L		03/17/20 12:26	03/20/20 16:51	1
2,4-Dinitrotoluene	<1.9		10	1.9	ug/L		03/17/20 12:26	03/20/20 16:51	1
2,6-Dinitrotoluene	<1.9		10	1.9	ug/L		03/17/20 12:26	03/20/20 16:51	1
2-Chloronaphthalene	<0.14		10	0.14	ug/L		03/17/20 12:26	03/20/20 16:51	1
2-Chlorophenol	<2.2		10	2.2	ug/L		03/17/20 12:26	03/20/20 16:51	1
2-Methylnaphthalene	<0.13		10	0.13	ug/L		03/17/20 12:26	03/20/20 16:51	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 400-482280/1-A
Matrix: Water
Analysis Batch: 482848

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 482280

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	<1.8		10	1.8	ug/L		03/17/20 12:26	03/20/20 16:51	1
2-Nitroaniline	<2.2		10	2.2	ug/L		03/17/20 12:26	03/20/20 16:51	1
2-Nitrophenol	<5.2		10	5.2	ug/L		03/17/20 12:26	03/20/20 16:51	1
3 & 4 Methylphenol	<0.39		20	0.39	ug/L		03/17/20 12:26	03/20/20 16:51	1
3,3'-Dichlorobenzidine	<2.6		10	2.6	ug/L		03/17/20 12:26	03/20/20 16:51	1
3-Nitroaniline	<1.8		10	1.8	ug/L		03/17/20 12:26	03/20/20 16:51	1
4,6-Dinitro-2-methylphenol	<1.6		10	1.6	ug/L		03/17/20 12:26	03/20/20 16:51	1
4-Bromophenyl phenyl ether	<0.20		10	0.20	ug/L		03/17/20 12:26	03/20/20 16:51	1
4-Chloro-3-methylphenol	<3.8		10	3.8	ug/L		03/17/20 12:26	03/20/20 16:51	1
4-Chloroaniline	<3.4		10	3.4	ug/L		03/17/20 12:26	03/20/20 16:51	1
4-Chlorophenyl phenyl ether	<2.0		10	2.0	ug/L		03/17/20 12:26	03/20/20 16:51	1
4-Nitroaniline	<1.5		10	1.5	ug/L		03/17/20 12:26	03/20/20 16:51	1
4-Nitrophenol	<2.1		10	2.1	ug/L		03/17/20 12:26	03/20/20 16:51	1
Acenaphthene	<0.16		10	0.16	ug/L		03/17/20 12:26	03/20/20 16:51	1
Acenaphthylene	<0.17		10	0.17	ug/L		03/17/20 12:26	03/20/20 16:51	1
Acetophenone	<0.14		10	0.14	ug/L		03/17/20 12:26	03/20/20 16:51	1
Aniline	<3.8		10	3.8	ug/L		03/17/20 12:26	03/20/20 16:51	1
Anthracene	<0.18		10	0.18	ug/L		03/17/20 12:26	03/20/20 16:51	1
Atrazine	<0.24		10	0.24	ug/L		03/17/20 12:26	03/20/20 16:51	1
Azobenzene	<1.0		10	1.0	ug/L		03/17/20 12:26	03/20/20 16:51	1
Benzaldehyde	<0.42		10	0.42	ug/L		03/17/20 12:26	03/20/20 16:51	1
Benzidine	<20		25	20	ug/L		03/17/20 12:26	03/20/20 16:51	1
Benzo[a]anthracene	<0.18		10	0.18	ug/L		03/17/20 12:26	03/20/20 16:51	1
Benzo[a]pyrene	<0.12		10	0.12	ug/L		03/17/20 12:26	03/20/20 16:51	1
Benzo[b]fluoranthene	<0.15		10	0.15	ug/L		03/17/20 12:26	03/20/20 16:51	1
Benzo[g,h,i]perylene	<0.23		10	0.23	ug/L		03/17/20 12:26	03/20/20 16:51	1
Benzo[k]fluoranthene	<0.16		10	0.16	ug/L		03/17/20 12:26	03/20/20 16:51	1
Benzoic acid	<7.3		30	7.3	ug/L		03/17/20 12:26	03/20/20 16:51	1
Benzyl alcohol	<2.0		10	2.0	ug/L		03/17/20 12:26	03/20/20 16:51	1
Bis(2-chloroethoxy)methane	<0.16		10	0.16	ug/L		03/17/20 12:26	03/20/20 16:51	1
Bis(2-chloroethyl)ether	<2.7		10	2.7	ug/L		03/17/20 12:26	03/20/20 16:51	1
Bis(2-ethylhexyl) phthalate	<5.0		10	5.0	ug/L		03/17/20 12:26	03/20/20 16:51	1
Butyl benzyl phthalate	<0.19		10	0.19	ug/L		03/17/20 12:26	03/20/20 16:51	1
Caprolactam	<3.8		10	3.8	ug/L		03/17/20 12:26	03/20/20 16:51	1
Carbazole	<0.23		10	0.23	ug/L		03/17/20 12:26	03/20/20 16:51	1
Chrysene	<0.19		10	0.19	ug/L		03/17/20 12:26	03/20/20 16:51	1
Dibenz(a,h)anthracene	<0.24		10	0.24	ug/L		03/17/20 12:26	03/20/20 16:51	1
Dibenzofuran	<0.17		10	0.17	ug/L		03/17/20 12:26	03/20/20 16:51	1
Diethyl phthalate	<0.24		10	0.24	ug/L		03/17/20 12:26	03/20/20 16:51	1
Dimethyl phthalate	<0.17		10	0.17	ug/L		03/17/20 12:26	03/20/20 16:51	1
Di-n-butyl phthalate	<2.7		10	2.7	ug/L		03/17/20 12:26	03/20/20 16:51	1
Di-n-octyl phthalate	<0.17		10	0.17	ug/L		03/17/20 12:26	03/20/20 16:51	1
Fluoranthene	<0.18		10	0.18	ug/L		03/17/20 12:26	03/20/20 16:51	1
Fluorene	<0.18		10	0.18	ug/L		03/17/20 12:26	03/20/20 16:51	1
Hexachlorobenzene	<0.17		10	0.17	ug/L		03/17/20 12:26	03/20/20 16:51	1
Hexachlorobutadiene	<0.55		10	0.55	ug/L		03/17/20 12:26	03/20/20 16:51	1
Hexachlorocyclopentadiene	<2.6		20	2.6	ug/L		03/17/20 12:26	03/20/20 16:51	1
Hexachloroethane	<4.2		10	4.2	ug/L		03/17/20 12:26	03/20/20 16:51	1
Hexadecane	<1.0		10	1.0	ug/L		03/17/20 12:26	03/20/20 16:51	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 400-482280/1-A
Matrix: Water
Analysis Batch: 482848

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 482280

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.22		10	0.22	ug/L		03/17/20 12:26	03/20/20 16:51	1
Isophorone	<0.14		10	0.14	ug/L		03/17/20 12:26	03/20/20 16:51	1
Naphthalene	<0.17		10	0.17	ug/L		03/17/20 12:26	03/20/20 16:51	1
n-Decane	<1.0		10	1.0	ug/L		03/17/20 12:26	03/20/20 16:51	1
Nitrobenzene	<0.13		10	0.13	ug/L		03/17/20 12:26	03/20/20 16:51	1
N-Nitrosodimethylamine	<3.5		10	3.5	ug/L		03/17/20 12:26	03/20/20 16:51	1
N-Nitrosodi-n-propylamine	<3.3		10	3.3	ug/L		03/17/20 12:26	03/20/20 16:51	1
N-Nitrosodiphenylamine	<0.18		10	0.18	ug/L		03/17/20 12:26	03/20/20 16:51	1
n-Octadecane	<1.0		10	1.0	ug/L		03/17/20 12:26	03/20/20 16:51	1
Pentachlorophenol	<1.4		20	1.4	ug/L		03/17/20 12:26	03/20/20 16:51	1
Phenanthrene	<0.18		10	0.18	ug/L		03/17/20 12:26	03/20/20 16:51	1
Phenol	<2.6		10	2.6	ug/L		03/17/20 12:26	03/20/20 16:51	1
Pyrene	<0.21		10	0.21	ug/L		03/17/20 12:26	03/20/20 16:51	1
Pyridine	<3.2		10	3.2	ug/L		03/17/20 12:26	03/20/20 16:51	1
Sulfolane	<0.58		10	0.58	ug/L		03/17/20 12:26	03/20/20 16:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*106*		*26 - 150*	*03/17/20 12:26*	*03/20/20 16:51*	*1*
2-Fluorobiphenyl	*78*		*46 - 124*	*03/17/20 12:26*	*03/20/20 16:51*	*1*
2-Fluorophenol (Surr)	*44*		*13 - 113*	*03/17/20 12:26*	*03/20/20 16:51*	*1*
Nitrobenzene-d5 (Surr)	*86*		*36 - 126*	*03/17/20 12:26*	*03/20/20 16:51*	*1*
Phenol-d5 (Surr)	*59*		*17 - 127*	*03/17/20 12:26*	*03/20/20 16:51*	*1*
Terphenyl-d14 (Surr)	*117*		*44 - 149*	*03/17/20 12:26*	*03/20/20 16:51*	*1*

Lab Sample ID: LCS 400-482280/2-A
Matrix: Water
Analysis Batch: 482848

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 482280

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1'-Biphenyl	120	96.4		ug/L		80	52 - 120
1,2,4,5-Tetrachlorobenzene	120	111		ug/L		92	50 - 120
1,2,4-Trichlorobenzene	120	77.9		ug/L		65	47 - 120
1,2-Dichlorobenzene	120	79.4		ug/L		66	46 - 120
1,3-Dichlorobenzene	120	75.6		ug/L		63	44 - 120
1,3-Dinitrobenzene	120	98.1		ug/L		82	56 - 141
1,4-Dichlorobenzene	120	82.7		ug/L		69	45 - 130
1,4-Dioxane	120	68.4		ug/L		57	31 - 120
1-Methylnaphthalene	120	86.1		ug/L		72	50 - 120
2,2'-oxybis(1-chloropropane)	120	85.8		ug/L		71	33 - 121
2,3,4,6-Tetrachlorophenol	120	176		ug/L		146	51 - 149
2,4,5-Trichlorophenol	120	123		ug/L		103	51 - 136
2,4,6-Trichlorophenol	120	118		ug/L		99	50 - 127
2,4-Dichlorophenol	120	98.6		ug/L		82	49 - 120
2,4-Dimethylphenol	120	117		ug/L		97	48 - 120
2,4-Dinitrophenol	240	310		ug/L		129	10 - 150
2,4-Dinitrotoluene	120	96.3		ug/L		80	54 - 142
2,6-Dinitrotoluene	120	101		ug/L		84	55 - 130
2-Chloronaphthalene	120	91.9		ug/L		77	52 - 121

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 400-482280/2-A
Matrix: Water
Analysis Batch: 482848

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 482280

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorophenol	120	96.4		ug/L		80	40 - 120
2-Methylnaphthalene	120	87.2		ug/L		73	50 - 121
2-Methylphenol	120	115		ug/L		96	46 - 124
2-Nitroaniline	120	114		ug/L		95	51 - 145
2-Nitrophenol	120	104		ug/L		87	40 - 124
3 & 4 Methylphenol	120	129		ug/L		108	45 - 120
3,3'-Dichlorobenzidine	160	212	E	ug/L		132	36 - 132
3-Nitroaniline	120	88.0		ug/L		73	37 - 127
4,6-Dinitro-2-methylphenol	240	287		ug/L		120	23 - 148
4-Bromophenyl phenyl ether	120	117		ug/L		98	54 - 122
4-Chloro-3-methylphenol	120	90.4		ug/L		75	48 - 131
4-Chloroaniline	120	21.0	*	ug/L		17	26 - 120
4-Chlorophenyl phenyl ether	120	111		ug/L		93	56 - 125
4-Nitroaniline	120	134		ug/L		112	36 - 137
4-Nitrophenol	240	302		ug/L		126	23 - 146
Acenaphthene	120	113		ug/L		94	54 - 125
Acenaphthylene	120	98.7		ug/L		82	44 - 130
Acetophenone	120	102		ug/L		85	46 - 120
Aniline	120	11.3	*	ug/L		9	21 - 120
Anthracene	120	108		ug/L		90	61 - 120
Atrazine	120	126		ug/L		105	35 - 120
Azobenzene	120	113		ug/L		94	45 - 124
Benzaldehyde	120	75.3		ug/L		63	28 - 120
Benzidine	543	<20	*	ug/L		0	10 - 121
Benzo[a]anthracene	120	110		ug/L		92	59 - 120
Benzo[a]pyrene	120	107		ug/L		89	52 - 126
Benzo[b]fluoranthene	120	101		ug/L		84	33 - 149
Benzo[g,h,i]perylene	120	126		ug/L		105	38 - 150
Benzo[k]fluoranthene	120	108		ug/L		90	51 - 130
Benzoic acid	466	374		ug/L		80	10 - 144
Benzyl alcohol	120	96.9		ug/L		81	28 - 120
Bis(2-chloroethoxy)methane	120	76.0		ug/L		63	47 - 120
Bis(2-chloroethyl)ether	120	86.5		ug/L		72	44 - 120
Bis(2-ethylhexyl) phthalate	120	115		ug/L		96	52 - 147
Butyl benzyl phthalate	120	105		ug/L		88	54 - 133
Caprolactam	120	70.8		ug/L		59	53 - 129
Carbazole	120	111		ug/L		93	54 - 142
Chrysene	120	113		ug/L		94	61 - 121
Dibenz(a,h)anthracene	120	132		ug/L		110	40 - 150
Dibenzofuran	120	108		ug/L		90	56 - 122
Diethyl phthalate	120	140		ug/L		117	50 - 137
Dimethyl phthalate	120	112		ug/L		94	57 - 124
Di-n-butyl phthalate	120	115		ug/L		96	58 - 126
Di-n-octyl phthalate	120	119		ug/L		99	57 - 138
Fluoranthene	120	107		ug/L		89	56 - 128
Fluorene	120	130		ug/L		108	54 - 124
Hexachlorobenzene	120	152		ug/L		126	52 - 129
Hexachlorobutadiene	120	107		ug/L		89	20 - 120
Hexachlorocyclopentadiene	120	120		ug/L		100	10 - 134

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 400-482280/2-A
Matrix: Water
Analysis Batch: 482848

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 482280

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Hexachloroethane	120	86.4		ug/L		72	20 - 120
Hexadecane	120	102		ug/L		85	27 - 132
Indeno[1,2,3-cd]pyrene	120	131		ug/L		109	41 - 150
Isophorone	120	91.7		ug/L		76	48 - 120
Naphthalene	120	78.3		ug/L		65	48 - 120
n-Decane	120	73.4		ug/L		61	22 - 120
Nitrobenzene	120	93.2		ug/L		78	45 - 120
N-Nitrosodimethylamine	120	130		ug/L		108	29 - 137
N-Nitrosodi-n-propylamine	120	131		ug/L		109	45 - 120
N-Nitrosodiphenylamine	119	90.7		ug/L		76	54 - 120
n-Octadecane	120	94.7		ug/L		79	30 - 137
Pentachlorophenol	240	289		ug/L		121	31 - 130
Phenanthrene	120	113		ug/L		94	61 - 120
Phenol	120	86.8		ug/L		72	40 - 120
Pyrene	120	109		ug/L		91	53 - 128
Pyridine	240	9.41	J *	ug/L		4	16 - 120
Sulfolane	119	105		ug/L		88	41 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*116*		*26 - 150*
2-Fluorobiphenyl	*91*		*46 - 124*
2-Fluorophenol (Surr)	*62*		*13 - 113*
Nitrobenzene-d5 (Surr)	*74*		*36 - 126*
Phenol-d5 (Surr)	*72*		*17 - 127*
Terphenyl-d14 (Surr)	*99*		*44 - 149*

Lab Sample ID: LCSD 400-482280/3-A
Matrix: Water
Analysis Batch: 482848

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 482280

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1'-Biphenyl	120	102		ug/L		85	52 - 120	6	30
1,2,4,5-Tetrachlorobenzene	120	117		ug/L		98	50 - 120	6	30
1,2,4-Trichlorobenzene	120	86.2		ug/L		72	47 - 120	10	30
1,2-Dichlorobenzene	120	85.6		ug/L		71	46 - 120	8	30
1,3-Dichlorobenzene	120	79.6		ug/L		66	44 - 120	5	30
1,3-Dinitrobenzene	120	97.7		ug/L		81	56 - 141	0	30
1,4-Dichlorobenzene	120	89.5		ug/L		75	45 - 130	8	30
1,4-Dioxane	120	67.1		ug/L		56	31 - 120	2	30
1-Methylnaphthalene	120	91.2		ug/L		76	50 - 120	6	30
2,2'-oxybis(1-chloropropane)	120	88.9		ug/L		74	33 - 121	4	30
2,3,4,6-Tetrachlorophenol	120	177		ug/L		147	51 - 149	1	30
2,4,5-Trichlorophenol	120	127		ug/L		106	51 - 136	3	30
2,4,6-Trichlorophenol	120	119		ug/L		99	50 - 127	1	30
2,4-Dichlorophenol	120	98.0		ug/L		82	49 - 120	1	30
2,4-Dimethylphenol	120	115		ug/L		96	48 - 120	2	30
2,4-Dinitrophenol	240	306		ug/L		128	10 - 150	1	30
2,4-Dinitrotoluene	120	96.7		ug/L		81	54 - 142	0	30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 400-482280/3-A
Matrix: Water
Analysis Batch: 482848

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 482280

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,6-Dinitrotoluene			120	102		ug/L		85	55 - 130	1	30
2-Chloronaphthalene			120	96.3		ug/L		80	52 - 121	5	30
2-Chlorophenol			120	90.8		ug/L		76	40 - 120	6	30
2-Methylnaphthalene			120	92.7		ug/L		77	50 - 121	6	30
2-Methylphenol			120	113		ug/L		95	46 - 124	2	30
2-Nitroaniline			120	115		ug/L		96	51 - 145	1	30
2-Nitrophenol			120	102		ug/L		85	40 - 124	2	30
3 & 4 Methylphenol			120	125		ug/L		104	45 - 120	3	30
3,3'-Dichlorobenzidine			160	359	E * *1	ug/L		224	36 - 132	51	30
3-Nitroaniline			120	112		ug/L		93	37 - 127	24	30
4,6-Dinitro-2-methylphenol			240	274		ug/L		114	23 - 148	5	30
4-Bromophenyl phenyl ether			120	125		ug/L		104	54 - 122	7	30
4-Chloro-3-methylphenol			120	90.2		ug/L		75	48 - 131	0	30
4-Chloroaniline			120	49.0	*1	ug/L		41	26 - 120	80	30
4-Chlorophenyl phenyl ether			120	119		ug/L		99	56 - 125	7	30
4-Nitroaniline			120	152		ug/L		127	36 - 137	12	30
4-Nitrophenol			240	310		ug/L		129	23 - 146	3	30
Acenaphthene			120	119		ug/L		99	54 - 125	6	30
Acenaphthylene			120	104		ug/L		86	44 - 130	5	30
Acetophenone			120	104		ug/L		87	46 - 120	2	30
Aniline			120	34.5	*1	ug/L		29	21 - 120	102	30
Anthracene			120	115		ug/L		96	61 - 120	6	30
Atrazine			120	110		ug/L		92	35 - 120	13	30
Azobenzene			120	119		ug/L		99	45 - 124	5	30
Benzaldehyde			120	68.8		ug/L		57	28 - 120	9	30
Benzidine			543	128	*1	ug/L		24	10 - 121	200	30
Benzo[a]anthracene			120	112		ug/L		93	59 - 120	1	30
Benzo[a]pyrene			120	110		ug/L		92	52 - 126	3	30
Benzo[b]fluoranthene			120	111		ug/L		93	33 - 149	10	30
Benzo[g,h,i]perylene			120	138		ug/L		115	38 - 150	9	30
Benzo[k]fluoranthene			120	111		ug/L		93	51 - 130	3	30
Benzoic acid			466	371		ug/L		80	10 - 144	1	30
Benzyl alcohol			120	97.6		ug/L		81	28 - 120	1	30
Bis(2-chloroethoxy)methane			120	78.1		ug/L		65	47 - 120	3	30
Bis(2-chloroethyl)ether			120	121	*1	ug/L		101	44 - 120	34	30
Bis(2-ethylhexyl) phthalate			120	118		ug/L		99	52 - 147	3	30
Butyl benzyl phthalate			120	106		ug/L		89	54 - 133	1	30
Caprolactam			120	72.2		ug/L		60	53 - 129	2	30
Carbazole			120	117		ug/L		98	54 - 142	5	30
Chrysene			120	115		ug/L		96	61 - 121	2	30
Dibenz(a,h)anthracene			120	143		ug/L		119	40 - 150	8	30
Dibenzofuran			120	114		ug/L		95	56 - 122	5	30
Diethyl phthalate			120	145		ug/L		121	50 - 137	3	30
Dimethyl phthalate			120	115		ug/L		96	57 - 124	3	30
Di-n-butyl phthalate			120	119		ug/L		99	58 - 126	3	30
Di-n-octyl phthalate			120	120		ug/L		100	57 - 138	1	30
Fluoranthene			120	111		ug/L		92	56 - 128	4	30
Fluorene			120	138		ug/L		115	54 - 124	6	30
Hexachlorobenzene			120	155		ug/L		129	52 - 129	2	30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 400-482280/3-A
Matrix: Water
Analysis Batch: 482848

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 482280

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hexachlorobutadiene			120	117		ug/L		98	20 - 120	9	30
Hexachlorocyclopentadiene			120	104		ug/L		86	10 - 134	15	30
Hexachloroethane			120	93.4		ug/L		78	20 - 120	8	30
Hexadecane			120	107		ug/L		90	27 - 132	6	30
Indeno[1,2,3-cd]pyrene			120	142		ug/L		118	41 - 150	8	30
Isophorone			120	92.5		ug/L		77	48 - 120	1	30
Naphthalene			120	84.0		ug/L		70	48 - 120	7	30
n-Decane			120	83.9		ug/L		70	22 - 120	13	30
Nitrobenzene			120	96.0		ug/L		80	45 - 120	3	30
N-Nitrosodimethylamine			120	132		ug/L		110	29 - 137	2	30
N-Nitrosodi-n-propylamine			120	131		ug/L		109	45 - 120	0	30
N-Nitrosodiphenylamine			119	95.1		ug/L		80	54 - 120	5	30
n-Octadecane			120	100		ug/L		84	30 - 137	6	30
Pentachlorophenol			240	275		ug/L		115	31 - 130	5	30
Phenanthrene			120	116		ug/L		97	61 - 120	3	30
Phenol			120	87.9		ug/L		73	40 - 120	1	30
Pyrene			120	112		ug/L		93	53 - 128	2	30
Pyridine			240	123	*1	ug/L		51	16 - 120	172	30
Sulfolane			119	103		ug/L		86	41 - 120	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*117*		*26 - 150*
2-Fluorobiphenyl	*97*		*46 - 124*
2-Fluorophenol (Surr)	*53*		*13 - 113*
Nitrobenzene-d5 (Surr)	*75*		*36 - 126*
Phenol-d5 (Surr)	*71*		*17 - 127*
Terphenyl-d14 (Surr)	*102*		*44 - 149*

Method: 8015C - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 400-482003/3
Matrix: Water
Analysis Batch: 482003

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<47		100	47	ug/L			03/15/20 12:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*104*		*78 - 119*		*03/15/20 12:06*	*1*

Lab Sample ID: LCS 400-482003/1002
Matrix: Water
Analysis Batch: 482003

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO) -C6-C10			1000	1050		ug/L		105	85 - 115		

Method: 8015C - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: LCS 400-482003/1002
Matrix: Water
Analysis Batch: 482003

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
a,a,a-Trifluorotoluene (fid)	101		78 - 119

Lab Sample ID: 400-185239-3 MS
Matrix: Water
Analysis Batch: 482003

Client Sample ID: TMW-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO) -C6-C10	<47		1000	1080		ug/L		108	35 - 150		

Surrogate	MS %Recovery	MS Qualifier	Limits
a,a,a-Trifluorotoluene (fid)	100		78 - 119

Lab Sample ID: 400-185239-3 MSD
Matrix: Water
Analysis Batch: 482003

Client Sample ID: TMW-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C6-C10	<47		1000	1030		ug/L		103	35 - 150	5	15

Surrogate	MSD %Recovery	MSD Qualifier	Limits
a,a,a-Trifluorotoluene (fid)	99		78 - 119

Method: 8015C - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 400-482052/1-A
Matrix: Water
Analysis Batch: 482341

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 482052

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	832		130	100	ug/L		03/16/20 09:26	03/17/20 16:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	95		40 - 140	03/16/20 09:26	03/17/20 16:12	1

Lab Sample ID: LCS 400-482052/2-A
Matrix: Water
Analysis Batch: 482341

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 482052

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]			17000	13800		ug/L		81	40 - 120		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
o-Terphenyl (Surr)	111		40 - 140

Method: 8015C - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 400-482052/3-A
Matrix: Water
Analysis Batch: 482341

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 482052

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			17000	13100		ug/L		77	40 - 120	5	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl (Surr)	*97*		*40 - 140*

Lab Sample ID: MB 400-482811/1-A
Matrix: Water
Analysis Batch: 483184

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 482811

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	119	J	130	100	ug/L		03/20/20 08:48	03/23/20 14:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*93*		*40 - 140*	*03/20/20 08:48*	*03/23/20 14:01*	*1*

Lab Sample ID: LCS 400-482811/2-A
Matrix: Water
Analysis Batch: 483184

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 482811

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]			16700	13200		ug/L		79	40 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl (Surr)	*108*		*40 - 140*

Lab Sample ID: LCSD 400-482811/3-A
Matrix: Water
Analysis Batch: 483184

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 482811

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			16700	12600		ug/L		75	40 - 120	5	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl (Surr)	*94*		*40 - 140*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 400-481851/1-A
Matrix: Water
Analysis Batch: 482365

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 481851

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.028		0.13	0.028	ug/L		03/13/20 15:12	03/17/20 19:40	1
PCB-1221	<0.022		0.13	0.022	ug/L		03/13/20 15:12	03/17/20 19:40	1
PCB-1232	<0.010		0.13	0.010	ug/L		03/13/20 15:12	03/17/20 19:40	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 400-481851/1-A
Matrix: Water
Analysis Batch: 482365

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 481851

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	<0.0034		0.13	0.0034	ug/L		03/13/20 15:12	03/17/20 19:40	1
PCB-1248	<0.0020		0.13	0.0020	ug/L		03/13/20 15:12	03/17/20 19:40	1
PCB-1254	<0.0057		0.13	0.0057	ug/L		03/13/20 15:12	03/17/20 19:40	1
PCB-1260	<0.015		0.13	0.015	ug/L		03/13/20 15:12	03/17/20 19:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*83*		*10 - 125*	*03/13/20 15:12*	*03/17/20 19:40*	*1*
Tetrachloro-m-xylene	*77*		*46 - 150*	*03/13/20 15:12*	*03/17/20 19:40*	*1*

Lab Sample ID: LCS 400-481851/2-A
Matrix: Water
Analysis Batch: 482365

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 481851

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	5.04	5.10		ug/L		101	54 - 126
PCB-1260	5.02	4.94		ug/L		98	56 - 139

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*89*		*10 - 125*
Tetrachloro-m-xylene	*74*		*46 - 150*

Lab Sample ID: LCSD 400-481851/3-A
Matrix: Water
Analysis Batch: 482365

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 481851

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	5.04	5.40		ug/L		107	54 - 126	6	40
PCB-1260	5.02	4.75		ug/L		95	56 - 139	4	40

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*74*		*10 - 125*
Tetrachloro-m-xylene	*84*		*46 - 150*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 400-482324/1-A
Matrix: Water
Analysis Batch: 482815

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 482324

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0030		0.010	0.0030	mg/L		03/17/20 16:21	03/19/20 22:58	1
Barium	<0.0030		0.010	0.0030	mg/L		03/17/20 16:21	03/19/20 22:58	1
Cadmium	<0.0010		0.0050	0.0010	mg/L		03/17/20 16:21	03/19/20 22:58	1
Lead	<0.0020		0.010	0.0020	mg/L		03/17/20 16:21	03/19/20 22:58	1
Selenium	<0.0080		0.020	0.0080	mg/L		03/17/20 16:21	03/19/20 22:58	1
Silver	<0.0010		0.0050	0.0010	mg/L		03/17/20 16:21	03/19/20 22:58	1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: MB 400-482324/1-A
Matrix: Water
Analysis Batch: 483104

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 482324

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.0030		0.010	0.0030	mg/L		03/17/20 16:21	03/20/20 15:26	1
Chromium	<0.0050		0.010	0.0050	mg/L		03/17/20 16:21	03/20/20 15:26	1
Silver	<0.0010		0.0050	0.0010	mg/L		03/17/20 16:21	03/20/20 15:26	1

Lab Sample ID: LCS 400-482324/2-A
Matrix: Water
Analysis Batch: 482815

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 482324

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	1.01		mg/L		101	80 - 120
Barium	1.00	1.05		mg/L		105	80 - 120
Cadmium	0.500	0.491		mg/L		98	80 - 120
Lead	1.00	1.05		mg/L		105	80 - 120
Selenium	1.00	0.991		mg/L		99	80 - 120
Silver	0.500	0.501		mg/L		100	80 - 120

Lab Sample ID: LCS 400-482324/2-A
Matrix: Water
Analysis Batch: 483104

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 482324

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	1.00	1.03		mg/L		103	80 - 120
Chromium	1.00	1.02		mg/L		102	80 - 120
Silver	0.500	0.500		mg/L		100	80 - 120

Lab Sample ID: 400-185239-6 MS
Matrix: Water
Analysis Batch: 482815

Client Sample ID: TMW-6
Prep Type: Total/NA
Prep Batch: 482324

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.028		1.00	1.09		mg/L		106	75 - 125
Cadmium	<0.0010		0.500	0.505		mg/L		101	75 - 125
Chromium	<0.0050		1.00	1.00		mg/L		100	75 - 125
Lead	<0.0020		1.00	1.07		mg/L		107	75 - 125
Selenium	<0.0080		1.00	1.04		mg/L		104	75 - 125

Lab Sample ID: 400-185412-C-1-C MSD
Matrix: Water
Analysis Batch: 482815

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 482324

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	<0.0030		1.00	1.09		mg/L		109	75 - 125	1	20
Barium	0.035		1.00	1.13		mg/L		110	75 - 125	2	20
Cadmium	<0.0010		0.500	0.523		mg/L		105	75 - 125	1	20
Chromium	<0.0050	^	1.00	1.09	^	mg/L		109	75 - 125	2	20
Lead	0.0033	J	1.00	1.14		mg/L		114	75 - 125	2	20
Selenium	<0.0080		1.00	1.06		mg/L		106	75 - 125	1	20
Silver	<0.0010		0.500	0.499	^	mg/L		100	75 - 125	0	20

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 400-482242/14-A
Matrix: Water
Analysis Batch: 483815

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 482242

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000070		0.00020	0.000070	mg/L		03/26/20 08:22	03/26/20 11:46	1

Lab Sample ID: LCS 400-482242/15-A
Matrix: Water
Analysis Batch: 483815

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 482242

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			0.00101	0.000944		mg/L		94	80 - 120		

Lab Sample ID: 400-185419-Y-1-B MS
Matrix: Water
Analysis Batch: 483815

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 482242

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	<0.000070		0.00201	0.00202		mg/L		101	80 - 120		

Lab Sample ID: 400-185419-Y-1-C MSD
Matrix: Water
Analysis Batch: 483815

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 482242

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	<0.000070		0.00201	0.00201		mg/L		100	80 - 120	1	20

QC Association Summary

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

GC/MS VOA

Analysis Batch: 483102

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185239-1	TMW-1	Total/NA	Water	8260B	
400-185239-3	TMW-3	Total/NA	Water	8260B	
400-185239-4	TMW-4	Total/NA	Water	8260B	
400-185239-5	TMW-5	Total/NA	Water	8260B	
400-185239-6	TMW-6	Total/NA	Water	8260B	
400-185239-7	TMW-7	Total/NA	Water	8260B	
400-185239-8	TMW-DUP	Total/NA	Water	8260B	
MB 400-483102/4	Method Blank	Total/NA	Water	8260B	
LCS 400-483102/1002	Lab Control Sample	Total/NA	Water	8260B	
400-185115-A-9 MS	Matrix Spike	Total/NA	Water	8260B	
400-185115-A-9 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 482280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185239-1	TMW-1	Total/NA	Water	3520C	
400-185239-2	TMW-2	Total/NA	Water	3520C	
400-185239-3	TMW-3	Total/NA	Water	3520C	
400-185239-4	TMW-4	Total/NA	Water	3520C	
400-185239-5	TMW-5	Total/NA	Water	3520C	
400-185239-6	TMW-6	Total/NA	Water	3520C	
400-185239-7	TMW-7	Total/NA	Water	3520C	
400-185239-8	TMW-DUP	Total/NA	Water	3520C	
MB 400-482280/1-A	Method Blank	Total/NA	Water	3520C	
LCS 400-482280/2-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 400-482280/3-A	Lab Control Sample Dup	Total/NA	Water	3520C	

Analysis Batch: 482848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-482280/1-A	Method Blank	Total/NA	Water	8270D	482280
LCS 400-482280/2-A	Lab Control Sample	Total/NA	Water	8270D	482280
LCSD 400-482280/3-A	Lab Control Sample Dup	Total/NA	Water	8270D	482280

Analysis Batch: 482944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185239-1	TMW-1	Total/NA	Water	8270D	482280
400-185239-2	TMW-2	Total/NA	Water	8270D	482280
400-185239-3	TMW-3	Total/NA	Water	8270D	482280
400-185239-4	TMW-4	Total/NA	Water	8270D	482280
400-185239-5	TMW-5	Total/NA	Water	8270D	482280
400-185239-6	TMW-6	Total/NA	Water	8270D	482280
400-185239-7	TMW-7	Total/NA	Water	8270D	482280
400-185239-8	TMW-DUP	Total/NA	Water	8270D	482280

GC VOA

Analysis Batch: 482003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185239-1	TMW-1	Total/NA	Water	8015C	
400-185239-3	TMW-3	Total/NA	Water	8015C	
400-185239-4	TMW-4	Total/NA	Water	8015C	

GC VOA (Continued)

Analysis Batch: 482003 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185239-5	TMW-5	Total/NA	Water	8015C	
400-185239-6	TMW-6	Total/NA	Water	8015C	
400-185239-7	TMW-7	Total/NA	Water	8015C	
400-185239-8	TMW-DUP	Total/NA	Water	8015C	
MB 400-482003/3	Method Blank	Total/NA	Water	8015C	
LCS 400-482003/1002	Lab Control Sample	Total/NA	Water	8015C	
400-185239-3 MS	TMW-3	Total/NA	Water	8015C	
400-185239-3 MSD	TMW-3	Total/NA	Water	8015C	

GC Semi VOA

Prep Batch: 481851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185239-1	TMW-1	Total/NA	Water	3520C	
400-185239-2	TMW-2	Total/NA	Water	3520C	
400-185239-3	TMW-3	Total/NA	Water	3520C	
400-185239-4	TMW-4	Total/NA	Water	3520C	
400-185239-5	TMW-5	Total/NA	Water	3520C	
400-185239-6	TMW-6	Total/NA	Water	3520C	
400-185239-7	TMW-7	Total/NA	Water	3520C	
400-185239-8	TMW-DUP	Total/NA	Water	3520C	
MB 400-481851/1-A	Method Blank	Total/NA	Water	3520C	
LCS 400-481851/2-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 400-481851/3-A	Lab Control Sample Dup	Total/NA	Water	3520C	

Prep Batch: 482052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185239-1	TMW-1	Total/NA	Water	3510C	
400-185239-2	TMW-2	Total/NA	Water	3510C	
400-185239-3	TMW-3	Total/NA	Water	3510C	
400-185239-4	TMW-4	Total/NA	Water	3510C	
400-185239-5	TMW-5	Total/NA	Water	3510C	
400-185239-6	TMW-6	Total/NA	Water	3510C	
400-185239-7	TMW-7	Total/NA	Water	3510C	
400-185239-8	TMW-DUP	Total/NA	Water	3510C	
MB 400-482052/1-A	Method Blank	Total/NA	Water	3510C	
LCS 400-482052/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 400-482052/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 482341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185239-1	TMW-1	Total/NA	Water	8015C	482052
400-185239-2	TMW-2	Total/NA	Water	8015C	482052
400-185239-3	TMW-3	Total/NA	Water	8015C	482052
400-185239-4	TMW-4	Total/NA	Water	8015C	482052
400-185239-5	TMW-5	Total/NA	Water	8015C	482052
400-185239-6	TMW-6	Total/NA	Water	8015C	482052
400-185239-7	TMW-7	Total/NA	Water	8015C	482052
400-185239-8	TMW-DUP	Total/NA	Water	8015C	482052
MB 400-482052/1-A	Method Blank	Total/NA	Water	8015C	482052
LCS 400-482052/2-A	Lab Control Sample	Total/NA	Water	8015C	482052

GC Semi VOA (Continued)

Analysis Batch: 482341 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 400-482052/3-A	Lab Control Sample Dup	Total/NA	Water	8015C	482052

Analysis Batch: 482365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185239-1	TMW-1	Total/NA	Water	8082A	481851
400-185239-6	TMW-6	Total/NA	Water	8082A	481851
400-185239-7	TMW-7	Total/NA	Water	8082A	481851
MB 400-481851/1-A	Method Blank	Total/NA	Water	8082A	481851
LCS 400-481851/2-A	Lab Control Sample	Total/NA	Water	8082A	481851
LCSD 400-481851/3-A	Lab Control Sample Dup	Total/NA	Water	8082A	481851

Analysis Batch: 482373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185239-2	TMW-2	Total/NA	Water	8082A	481851
400-185239-3	TMW-3	Total/NA	Water	8082A	481851
400-185239-4	TMW-4	Total/NA	Water	8082A	481851
400-185239-5	TMW-5	Total/NA	Water	8082A	481851
400-185239-8	TMW-DUP	Total/NA	Water	8082A	481851

Prep Batch: 482811

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185239-1 - RE	TMW-1	Total/NA	Water	3510C	
400-185239-2 - RE	TMW-2	Total/NA	Water	3510C	
400-185239-3 - RE	TMW-3	Total/NA	Water	3510C	
400-185239-4 - RE	TMW-4	Total/NA	Water	3510C	
400-185239-5 - RE	TMW-5	Total/NA	Water	3510C	
400-185239-6 - RE	TMW-6	Total/NA	Water	3510C	
400-185239-7 - RE	TMW-7	Total/NA	Water	3510C	
400-185239-8 - RE	TMW-DUP	Total/NA	Water	3510C	
MB 400-482811/1-A	Method Blank	Total/NA	Water	3510C	
LCS 400-482811/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 400-482811/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 483184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185239-1 - RE	TMW-1	Total/NA	Water	8015C	482811
400-185239-2 - RE	TMW-2	Total/NA	Water	8015C	482811
400-185239-3 - RE	TMW-3	Total/NA	Water	8015C	482811
400-185239-4 - RE	TMW-4	Total/NA	Water	8015C	482811
400-185239-5 - RE	TMW-5	Total/NA	Water	8015C	482811
400-185239-6 - RE	TMW-6	Total/NA	Water	8015C	482811
400-185239-7 - RE	TMW-7	Total/NA	Water	8015C	482811
400-185239-8 - RE	TMW-DUP	Total/NA	Water	8015C	482811
MB 400-482811/1-A	Method Blank	Total/NA	Water	8015C	482811
LCS 400-482811/2-A	Lab Control Sample	Total/NA	Water	8015C	482811
LCSD 400-482811/3-A	Lab Control Sample Dup	Total/NA	Water	8015C	482811

Metals

Prep Batch: 482242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185239-1	TMW-1	Total/NA	Water	7470A	
400-185239-2	TMW-2	Total/NA	Water	7470A	
400-185239-3	TMW-3	Total/NA	Water	7470A	
400-185239-4	TMW-4	Total/NA	Water	7470A	
400-185239-5	TMW-5	Total/NA	Water	7470A	
400-185239-6	TMW-6	Total/NA	Water	7470A	
400-185239-7	TMW-7	Total/NA	Water	7470A	
400-185239-8	TMW-DUP	Total/NA	Water	7470A	
MB 400-482242/14-A	Method Blank	Total/NA	Water	7470A	
LCS 400-482242/15-A	Lab Control Sample	Total/NA	Water	7470A	
400-185419-Y-1-B MS	Matrix Spike	Total/NA	Water	7470A	
400-185419-Y-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 482324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185239-1	TMW-1	Total/NA	Water	3010A	
400-185239-2	TMW-2	Total/NA	Water	3010A	
400-185239-3	TMW-3	Total/NA	Water	3010A	
400-185239-4	TMW-4	Total/NA	Water	3010A	
400-185239-5	TMW-5	Total/NA	Water	3010A	
400-185239-6	TMW-6	Total/NA	Water	3010A	
400-185239-7	TMW-7	Total/NA	Water	3010A	
400-185239-8	TMW-DUP	Total/NA	Water	3010A	
MB 400-482324/1-A	Method Blank	Total/NA	Water	3010A	
LCS 400-482324/2-A	Lab Control Sample	Total/NA	Water	3010A	
400-185239-6 MS	TMW-6	Total/NA	Water	3010A	
400-185412-C-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	3010A	

Analysis Batch: 482815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185239-1	TMW-1	Total/NA	Water	6010C	482324
400-185239-2	TMW-2	Total/NA	Water	6010C	482324
400-185239-3	TMW-3	Total/NA	Water	6010C	482324
400-185239-4	TMW-4	Total/NA	Water	6010C	482324
400-185239-5	TMW-5	Total/NA	Water	6010C	482324
400-185239-6	TMW-6	Total/NA	Water	6010C	482324
400-185239-7	TMW-7	Total/NA	Water	6010C	482324
400-185239-8	TMW-DUP	Total/NA	Water	6010C	482324
MB 400-482324/1-A	Method Blank	Total/NA	Water	6010C	482324
LCS 400-482324/2-A	Lab Control Sample	Total/NA	Water	6010C	482324
400-185239-6 MS	TMW-6	Total/NA	Water	6010C	482324
400-185412-C-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	6010C	482324

Analysis Batch: 483104

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185239-1	TMW-1	Total/NA	Water	6010C	482324
400-185239-2	TMW-2	Total/NA	Water	6010C	482324
400-185239-3	TMW-3	Total/NA	Water	6010C	482324
400-185239-4	TMW-4	Total/NA	Water	6010C	482324
400-185239-5	TMW-5	Total/NA	Water	6010C	482324
400-185239-6	TMW-6	Total/NA	Water	6010C	482324

Metals (Continued)

Analysis Batch: 483104 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185239-7	TMW-7	Total/NA	Water	6010C	482324
400-185239-8	TMW-DUP	Total/NA	Water	6010C	482324
MB 400-482324/1-A	Method Blank	Total/NA	Water	6010C	482324
LCS 400-482324/2-A	Lab Control Sample	Total/NA	Water	6010C	482324

Analysis Batch: 483815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185239-1	TMW-1	Total/NA	Water	7470A	482242
400-185239-2	TMW-2	Total/NA	Water	7470A	482242
400-185239-3	TMW-3	Total/NA	Water	7470A	482242
400-185239-4	TMW-4	Total/NA	Water	7470A	482242
400-185239-5	TMW-5	Total/NA	Water	7470A	482242
400-185239-6	TMW-6	Total/NA	Water	7470A	482242
400-185239-7	TMW-7	Total/NA	Water	7470A	482242
400-185239-8	TMW-DUP	Total/NA	Water	7470A	482242
MB 400-482242/14-A	Method Blank	Total/NA	Water	7470A	482242
LCS 400-482242/15-A	Lab Control Sample	Total/NA	Water	7470A	482242
400-185419-Y-1-B MS	Matrix Spike	Total/NA	Water	7470A	482242
400-185419-Y-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	482242

Lab Chronicle

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Client Sample ID: TMW-1

Lab Sample ID: 400-185239-1

Date Collected: 03/10/20 10:20

Matrix: Water

Date Received: 03/12/20 08:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	483102	03/23/20 12:20	CAR	TAL PEN
Total/NA	Prep	3520C			482280	03/17/20 12:27	JRW	TAL PEN
Total/NA	Analysis	8270D		1	482944	03/20/20 18:19	VC1	TAL PEN
Total/NA	Analysis	8015C		1	482003	03/15/20 15:49	CMW	TAL PEN
Total/NA	Prep	3510C	RE		482811	03/20/20 08:49	CAO	TAL PEN
Total/NA	Analysis	8015C	RE	1	483184	03/23/20 14:47	JAW	TAL PEN
Total/NA	Prep	3510C			482052	03/16/20 09:27	CAO	TAL PEN
Total/NA	Analysis	8015C		1	482341	03/17/20 18:09	TAJ	TAL PEN
Total/NA	Prep	3520C			481851	03/13/20 15:13	JRW	TAL PEN
Total/NA	Analysis	8082A		1	482365	03/18/20 01:30	DHJ	TAL PEN
Total/NA	Prep	3010A			482324	03/17/20 16:21	NET	TAL PEN
Total/NA	Analysis	6010C		1	482815	03/19/20 23:57	AW	TAL PEN
Total/NA	Prep	3010A			482324	03/17/20 16:21	NET	TAL PEN
Total/NA	Analysis	6010C		1	483104	03/20/20 15:49	GESP	TAL PEN
Total/NA	Prep	7470A			482242	03/26/20 08:22	JAP	TAL PEN
Total/NA	Analysis	7470A		1	483815	03/26/20 12:17	JAP	TAL PEN

Client Sample ID: TMW-2

Lab Sample ID: 400-185239-2

Date Collected: 03/10/20 11:20

Matrix: Water

Date Received: 03/12/20 08:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			482280	03/17/20 12:27	JRW	TAL PEN
Total/NA	Analysis	8270D		1	482944	03/20/20 18:44	VC1	TAL PEN
Total/NA	Prep	3510C	RE		482811	03/20/20 08:49	CAO	TAL PEN
Total/NA	Analysis	8015C	RE	1	483184	03/23/20 14:59	JAW	TAL PEN
Total/NA	Prep	3510C			482052	03/16/20 09:27	CAO	TAL PEN
Total/NA	Analysis	8015C		1	482341	03/17/20 18:19	TAJ	TAL PEN
Total/NA	Prep	3520C			481851	03/13/20 15:13	JRW	TAL PEN
Total/NA	Analysis	8082A		1	482373	03/18/20 06:05	DHJ	TAL PEN
Total/NA	Prep	3010A			482324	03/17/20 16:21	NET	TAL PEN
Total/NA	Analysis	6010C		1	482815	03/20/20 00:01	AW	TAL PEN
Total/NA	Prep	3010A			482324	03/17/20 16:21	NET	TAL PEN
Total/NA	Analysis	6010C		1	483104	03/20/20 15:53	GESP	TAL PEN
Total/NA	Prep	7470A			482242	03/26/20 08:22	JAP	TAL PEN
Total/NA	Analysis	7470A		1	483815	03/26/20 12:19	JAP	TAL PEN

Client Sample ID: TMW-3

Lab Sample ID: 400-185239-3

Date Collected: 03/10/20 12:00

Matrix: Water

Date Received: 03/12/20 08:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	483102	03/23/20 12:46	CAR	TAL PEN
Total/NA	Prep	3520C			482280	03/17/20 12:27	JRW	TAL PEN
Total/NA	Analysis	8270D		1	482944	03/20/20 19:10	VC1	TAL PEN

Lab Chronicle

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Client Sample ID: TMW-3

Date Collected: 03/10/20 12:00
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015C		1	482003	03/15/20 13:51	CMW	TAL PEN
Total/NA	Prep	3510C	RE		482811	03/20/20 08:49	CAO	TAL PEN
Total/NA	Analysis	8015C	RE	1	483184	03/23/20 15:11	JAW	TAL PEN
Total/NA	Prep	3510C			482052	03/16/20 09:27	CAO	TAL PEN
Total/NA	Analysis	8015C		1	482341	03/17/20 18:28	TAJ	TAL PEN
Total/NA	Prep	3520C			481851	03/13/20 15:13	JRW	TAL PEN
Total/NA	Analysis	8082A		1	482373	03/18/20 06:30	DHJ	TAL PEN
Total/NA	Prep	3010A			482324	03/17/20 16:21	NET	TAL PEN
Total/NA	Analysis	6010C		1	482815	03/20/20 00:04	AW	TAL PEN
Total/NA	Prep	3010A			482324	03/17/20 16:21	NET	TAL PEN
Total/NA	Analysis	6010C		1	483104	03/20/20 15:56	GESP	TAL PEN
Total/NA	Prep	7470A			482242	03/26/20 08:22	JAP	TAL PEN
Total/NA	Analysis	7470A		1	483815	03/26/20 12:21	JAP	TAL PEN

Client Sample ID: TMW-4

Date Collected: 03/10/20 12:30
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	483102	03/23/20 13:12	CAR	TAL PEN
Total/NA	Prep	3520C			482280	03/17/20 12:27	JRW	TAL PEN
Total/NA	Analysis	8270D		1	482944	03/20/20 19:35	VC1	TAL PEN
Total/NA	Analysis	8015C		1	482003	03/15/20 16:20	CMW	TAL PEN
Total/NA	Prep	3510C	RE		482811	03/20/20 08:49	CAO	TAL PEN
Total/NA	Analysis	8015C	RE	1	483184	03/23/20 15:22	JAW	TAL PEN
Total/NA	Prep	3510C			482052	03/16/20 09:27	CAO	TAL PEN
Total/NA	Analysis	8015C		1	482341	03/17/20 18:38	TAJ	TAL PEN
Total/NA	Prep	3520C			481851	03/13/20 15:13	JRW	TAL PEN
Total/NA	Analysis	8082A		1	482373	03/18/20 06:55	DHJ	TAL PEN
Total/NA	Prep	3010A			482324	03/17/20 16:21	NET	TAL PEN
Total/NA	Analysis	6010C		1	482815	03/20/20 00:19	AW	TAL PEN
Total/NA	Prep	3010A			482324	03/17/20 16:21	NET	TAL PEN
Total/NA	Analysis	6010C		1	483104	03/20/20 16:00	GESP	TAL PEN
Total/NA	Prep	7470A			482242	03/26/20 08:22	JAP	TAL PEN
Total/NA	Analysis	7470A		1	483815	03/26/20 12:23	JAP	TAL PEN

Client Sample ID: TMW-5

Date Collected: 03/10/20 13:10
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	483102	03/23/20 13:38	CAR	TAL PEN
Total/NA	Prep	3520C			482280	03/17/20 12:27	JRW	TAL PEN
Total/NA	Analysis	8270D		1	482944	03/20/20 20:01	VC1	TAL PEN

Lab Chronicle

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Client Sample ID: TMW-5

Date Collected: 03/10/20 13:10
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015C		1	482003	03/15/20 16:51	CMW	TAL PEN
Total/NA	Prep	3510C	RE		482811	03/20/20 08:49	CAO	TAL PEN
Total/NA	Analysis	8015C	RE	1	483184	03/23/20 15:34	JAW	TAL PEN
Total/NA	Prep	3510C			482052	03/16/20 09:27	CAO	TAL PEN
Total/NA	Analysis	8015C		1	482341	03/17/20 18:48	TAJ	TAL PEN
Total/NA	Prep	3520C			481851	03/13/20 15:13	JRW	TAL PEN
Total/NA	Analysis	8082A		1	482373	03/18/20 07:20	DHJ	TAL PEN
Total/NA	Prep	3010A			482324	03/17/20 16:21	NET	TAL PEN
Total/NA	Analysis	6010C		1	482815	03/20/20 00:23	AW	TAL PEN
Total/NA	Prep	3010A			482324	03/17/20 16:21	NET	TAL PEN
Total/NA	Analysis	6010C		1	483104	03/20/20 16:15	GESP	TAL PEN
Total/NA	Prep	7470A			482242	03/26/20 08:22	JAP	TAL PEN
Total/NA	Analysis	7470A		1	483815	03/26/20 12:25	JAP	TAL PEN

Client Sample ID: TMW-6

Date Collected: 03/10/20 14:00
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	483102	03/23/20 14:04	CAR	TAL PEN
Total/NA	Prep	3520C			482280	03/17/20 12:27	JRW	TAL PEN
Total/NA	Analysis	8270D		1	482944	03/20/20 20:26	VC1	TAL PEN
Total/NA	Analysis	8015C		1	482003	03/15/20 17:23	CMW	TAL PEN
Total/NA	Prep	3510C	RE		482811	03/20/20 08:49	CAO	TAL PEN
Total/NA	Analysis	8015C	RE	1	483184	03/23/20 15:46	JAW	TAL PEN
Total/NA	Prep	3510C			482052	03/16/20 09:27	CAO	TAL PEN
Total/NA	Analysis	8015C		1	482341	03/17/20 18:58	TAJ	TAL PEN
Total/NA	Prep	3520C			481851	03/13/20 15:13	JRW	TAL PEN
Total/NA	Analysis	8082A		1	482365	03/18/20 00:15	DHJ	TAL PEN
Total/NA	Prep	3010A			482324	03/17/20 16:21	NET	TAL PEN
Total/NA	Analysis	6010C		1	482815	03/20/20 00:27	AW	TAL PEN
Total/NA	Prep	3010A			482324	03/17/20 16:21	NET	TAL PEN
Total/NA	Analysis	6010C		1	483104	03/20/20 16:19	GESP	TAL PEN
Total/NA	Prep	7470A			482242	03/26/20 08:22	JAP	TAL PEN
Total/NA	Analysis	7470A		1	483815	03/26/20 12:30	JAP	TAL PEN

Client Sample ID: TMW-7

Date Collected: 03/10/20 15:50
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	483102	03/23/20 14:30	CAR	TAL PEN
Total/NA	Prep	3520C			482280	03/17/20 12:27	JRW	TAL PEN
Total/NA	Analysis	8270D		1	482944	03/20/20 20:51	VC1	TAL PEN

Lab Chronicle

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Client Sample ID: TMW-7

Date Collected: 03/10/20 15:50
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015C		1	482003	03/15/20 17:54	CMW	TAL PEN
Total/NA	Prep	3510C	RE		482811	03/20/20 08:49	CAO	TAL PEN
Total/NA	Analysis	8015C	RE	1	483184	03/23/20 15:57	JAW	TAL PEN
Total/NA	Prep	3510C			482052	03/16/20 09:27	CAO	TAL PEN
Total/NA	Analysis	8015C		1	482341	03/17/20 19:08	TAJ	TAL PEN
Total/NA	Prep	3520C			481851	03/13/20 15:13	JRW	TAL PEN
Total/NA	Analysis	8082A		1	482365	03/18/20 00:40	DHJ	TAL PEN
Total/NA	Prep	3010A			482324	03/17/20 16:21	NET	TAL PEN
Total/NA	Analysis	6010C		1	482815	03/20/20 00:34	AW	TAL PEN
Total/NA	Prep	3010A			482324	03/17/20 16:21	NET	TAL PEN
Total/NA	Analysis	6010C		1	483104	03/20/20 16:26	GESP	TAL PEN
Total/NA	Prep	7470A			482242	03/26/20 08:22	JAP	TAL PEN
Total/NA	Analysis	7470A		1	483815	03/26/20 12:32	JAP	TAL PEN

Client Sample ID: TMW-DUP

Date Collected: 03/10/20 10:40
Date Received: 03/12/20 08:55

Lab Sample ID: 400-185239-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	483102	03/23/20 14:56	CAR	TAL PEN
Total/NA	Prep	3520C			482280	03/17/20 12:27	JRW	TAL PEN
Total/NA	Analysis	8270D		1	482944	03/20/20 21:17	VC1	TAL PEN
Total/NA	Analysis	8015C		1	482003	03/15/20 18:25	CMW	TAL PEN
Total/NA	Prep	3510C	RE		482811	03/20/20 08:49	CAO	TAL PEN
Total/NA	Analysis	8015C	RE	1	483184	03/23/20 16:20	JAW	TAL PEN
Total/NA	Prep	3510C			482052	03/16/20 09:27	CAO	TAL PEN
Total/NA	Analysis	8015C		1	482341	03/17/20 19:18	TAJ	TAL PEN
Total/NA	Prep	3520C			481851	03/13/20 15:13	JRW	TAL PEN
Total/NA	Analysis	8082A		1	482373	03/18/20 08:35	DHJ	TAL PEN
Total/NA	Prep	3010A			482324	03/17/20 16:21	NET	TAL PEN
Total/NA	Analysis	6010C		1	482815	03/20/20 00:38	AW	TAL PEN
Total/NA	Prep	3010A			482324	03/17/20 16:21	NET	TAL PEN
Total/NA	Analysis	6010C		1	483104	03/20/20 16:30	GESP	TAL PEN
Total/NA	Prep	7470A			482242	03/26/20 08:22	JAP	TAL PEN
Total/NA	Analysis	7470A		1	483815	03/26/20 12:34	JAP	TAL PEN

Laboratory References:

TAL PEN = Eurofins TestAmerica, Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Accreditation/Certification Summary

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Laboratory: Eurofins TestAmerica, Pensacola

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Virginia	NELAP	460166	06-14-20

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260B		Water	Dibromofluoromethane
8270D	3520C	Water	Azobenzene
8270D	3520C	Water	Hexadecane
8270D	3520C	Water	n-Decane
8270D	3520C	Water	n-Octadecane
8270D	3520C	Water	Sulfolane

Method Summary

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185239-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PEN
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL PEN
8015C	Gasoline Range Organics (GRO) (GC)	SW846	TAL PEN
8015C	Diesel Range Organics (DRO) (GC)	EPA	TAL PEN
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PEN
6010C	Metals (ICP)	SW846	TAL PEN
7470A	Mercury (CVAA)	SW846	TAL PEN
3010A	Preparation, Total Metals	SW846	TAL PEN
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL PEN
3520C	Liquid-Liquid Extraction (Continuous)	SW846	TAL PEN
5030B	Purge and Trap	SW846	TAL PEN
5030C	Purge and Trap	SW846	TAL PEN
7470A	Preparation, Mercury	SW846	TAL PEN

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = Eurofins TestAmerica, Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Eurofins TestAmerica, Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone: 850-474-1001 Fax: 850-478-2671

Chain of Custody Record

eurofins | Environment Testing TestAmerica

Client Information	Sampler: Austin Drouger	Lab PM: Swafford, Mark H	Carrier Tracking No(s):	COC No: 400-92544-33729.1
Client Contact: Alexis Holcomb	Phone: ~~850~~ 571-353-2000	E-Mail: mark.swafford@testamericainc.com		Page: Page 1 of 1
Company: SCS Engineers				Job #:
Address: 2877 Guardian Lane Suite 1-F	Due Date Requested:			
City: Virginia Beach	TAT Requested (days):			
State, Zip: VA, 23452				
Phone: 757-201-9264(Tel)	PO #: PO 02-RE03788-5			
Email: ~~Keith~~ or Austin Drouger adrouger@scsengineers.com ~~AHolcomb@scsengineers.com~~	WO #:			
Project Name: Snyder Lot-Water	Project #: 40005152			
Site: Snyder Lot	SSOW#:			

Analysis Requested

400-185239 COC

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270D - _Standard 8270 Analyte List	8082A - TCL PCBs	6010C, 7470A	8015C_DRO - DRO C10-C28	8015C_GRO - GRO (C6 - C10)	8260B - VOC	Total Number of containers	Special Instructions/Note:
Preservation Code:							N	N	D	A	A	A		
TMW-1	3/10/20	1020	Grab	Water			X	X	X	X	X	X		
TMW-2		1120		Water										
TMW-3		1200		Water										
TMW-4		1230		Water										
TMW-5		1310		Water										
TMW-6		1400		Water										
TMW-7		1550		Water										
TMW-DUP		1040		Water										Virginia Beach #202

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	3/11/2020 1000		[signature]	3/11/20 1246	ETA
2	[signature]	3/12/20 1630	ETA	[signature]	3/12/20 855	TAL Gv
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No

Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 0.1°C, 3.2°C, 0.0°C, 3.6°C IR8

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: SCS Engineers

Job Number: 400-185239-1

Login Number: 185239
List Number: 1
Creator: Hinrichsen, Megan E

List Source: Eurofins TestAmerica, Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.7°C, 3.2°C, 0.0°C, 3.6°C IR-8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	False	Refer to Job Narrative for details.
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing TestAmerica

ANALYTICAL REPORT

Eurofins TestAmerica, Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Tel: (850)474-1001

Laboratory Job ID: 400-185562-1
Client Project/Site: Snyder Lot
Revision: 1

For:
SCS Engineers
2877 Guardian Lane
Suite 1-F
Virginia Beach, Virginia 23452

Attn: Keith Matteson

Mark Swafford

Authorized for release by:
4/21/2020 3:45:35 PM

Mark Swafford, Project Manager II
(850)471-6207
mark.swafford@testamericainc.com

Table of Contents

Definitions/Glossary

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185562-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185562-1

Job ID: 400-185562-1

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-185562-1

Comments
The report was revised change the format to report to the MDL.

No additional comments.

Receipt
The samples were received on 3/19/2020 9:11 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 5.8º C and 5.9º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185562-1

Client Sample ID: TMW-2

Lab Sample ID: 400-185562-1

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pensacola

Sample Summary

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185562-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
400-185562-1	TMW-2	Water	03/18/20 13:10	03/19/20 09:11	

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185562-1

Client Sample ID: TMW-2
Date Collected: 03/18/20 13:10
Date Received: 03/19/20 09:11

Lab Sample ID: 400-185562-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.52		1.0	0.52	ug/L			03/25/20 00:12	1
1,1,1-Trichloroethane	<0.50		1.0	0.50	ug/L			03/25/20 00:12	1
1,1,2,2-Tetrachloroethane	<0.50		1.0	0.50	ug/L			03/25/20 00:12	1
1,1,2-Trichloroethane	<0.50		5.0	0.50	ug/L			03/25/20 00:12	1
1,1-Dichloroethane	<0.50		1.0	0.50	ug/L			03/25/20 00:12	1
1,1-Dichloroethene	<0.50		1.0	0.50	ug/L			03/25/20 00:12	1
1,1-Dichloropropene	<0.50		1.0	0.50	ug/L			03/25/20 00:12	1
1,2,3-Trichlorobenzene	<0.70		1.0	0.70	ug/L			03/25/20 00:12	1
1,2,3-Trichloropropane	<0.84		5.0	0.84	ug/L			03/25/20 00:12	1
1,2,4-Trichlorobenzene	<0.82		1.0	0.82	ug/L			03/25/20 00:12	1
1,2,4-Trimethylbenzene	<0.82		1.0	0.82	ug/L			03/25/20 00:12	1
1,2-Dibromo-3-Chloropropane	<1.5		5.0	1.5	ug/L			03/25/20 00:12	1
1,2-Dichlorobenzene	<0.50		1.0	0.50	ug/L			03/25/20 00:12	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			03/25/20 00:12	1
1,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/25/20 00:12	1
1,3,5-Trimethylbenzene	<0.56		1.0	0.56	ug/L			03/25/20 00:12	1
1,3-Dichlorobenzene	<0.54		1.0	0.54	ug/L			03/25/20 00:12	1
1,3-Dichloropropane	<0.50		1.0	0.50	ug/L			03/25/20 00:12	1
1,4-Dichlorobenzene	<0.64		1.0	0.64	ug/L			03/25/20 00:12	1
2,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/25/20 00:12	1
2-Butanone (MEK)	<2.6		25	2.6	ug/L			03/25/20 00:12	1
2-Chlorotoluene	<0.57		1.0	0.57	ug/L			03/25/20 00:12	1
2-Hexanone	<3.1		25	3.1	ug/L			03/25/20 00:12	1
4-Chlorotoluene	<0.56		1.0	0.56	ug/L			03/25/20 00:12	1
4-Isopropyltoluene	<0.71		1.0	0.71	ug/L			03/25/20 00:12	1
4-Methyl-2-pentanone (MIBK)	<1.8		25	1.8	ug/L			03/25/20 00:12	1
Acetone	<10		25	10	ug/L			03/25/20 00:12	1
Benzene	<0.38		1.0	0.38	ug/L			03/25/20 00:12	1
Bromobenzene	<0.54		1.0	0.54	ug/L			03/25/20 00:12	1
Bromoform	<0.71		5.0	0.71	ug/L			03/25/20 00:12	1
Bromomethane	<0.98		1.0	0.98	ug/L			03/25/20 00:12	1
Carbon disulfide	<0.50		1.0	0.50	ug/L			03/25/20 00:12	1
Carbon tetrachloride	<0.50		1.0	0.50	ug/L			03/25/20 00:12	1
Chlorobenzene	<0.50		1.0	0.50	ug/L			03/25/20 00:12	1
Chlorobromomethane	<0.52		1.0	0.52	ug/L			03/25/20 00:12	1
Chlorodibromomethane	<0.50		1.0	0.50	ug/L			03/25/20 00:12	1
Chloroethane	<0.76		1.0	0.76	ug/L			03/25/20 00:12	1
Chloroform	<0.60		1.0	0.60	ug/L			03/25/20 00:12	1
Chloromethane	<0.83		1.0	0.83	ug/L			03/25/20 00:12	1
cis-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/25/20 00:12	1
cis-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/25/20 00:12	1
Dibromomethane	<0.59		5.0	0.59	ug/L			03/25/20 00:12	1
Dichlorobromomethane	<0.50		1.0	0.50	ug/L			03/25/20 00:12	1
Dichlorodifluoromethane	<0.85		1.0	0.85	ug/L			03/25/20 00:12	1
Ethylbenzene	<0.50		1.0	0.50	ug/L			03/25/20 00:12	1
Ethylene Dibromide	<0.50		1.0	0.50	ug/L			03/25/20 00:12	1
Hexachlorobutadiene	<0.90		5.0	0.90	ug/L			03/25/20 00:12	1
Iodomethane	<0.90		1.0	0.90	ug/L			03/25/20 00:12	1
Isopropyl ether	<0.70		1.0	0.70	ug/L			03/25/20 00:12	1

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185562-1

Client Sample ID: TMW-2
Date Collected: 03/18/20 13:10
Date Received: 03/19/20 09:11

Lab Sample ID: 400-185562-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.53		1.0	0.53	ug/L			03/25/20 00:12	1
Methyl tert-butyl ether	<0.74		1.0	0.74	ug/L			03/25/20 00:12	1
Methylene Chloride	<3.0		5.0	3.0	ug/L			03/25/20 00:12	1
m-Xylene & p-Xylene	<1.6		5.0	1.6	ug/L			03/25/20 00:12	1
Naphthalene	<1.0		1.0	1.0	ug/L			03/25/20 00:12	1
n-Butylbenzene	<0.76		1.0	0.76	ug/L			03/25/20 00:12	1
N-Propylbenzene	<0.69		1.0	0.69	ug/L			03/25/20 00:12	1
o-Xylene	<0.60		5.0	0.60	ug/L			03/25/20 00:12	1
sec-Butylbenzene	<0.70		1.0	0.70	ug/L			03/25/20 00:12	1
Styrene	<1.0		1.0	1.0	ug/L			03/25/20 00:12	1
tert-Butylbenzene	<0.63		1.0	0.63	ug/L			03/25/20 00:12	1
Tetrachloroethene	<0.58		1.0	0.58	ug/L			03/25/20 00:12	1
Toluene	<0.41		1.0	0.41	ug/L			03/25/20 00:12	1
trans-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/25/20 00:12	1
trans-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/25/20 00:12	1
Trichloroethene	<0.50		1.0	0.50	ug/L			03/25/20 00:12	1
Trichlorofluoromethane	<0.52		1.0	0.52	ug/L			03/25/20 00:12	1
Vinyl acetate	<2.0		25	2.0	ug/L			03/25/20 00:12	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			03/25/20 00:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*78 - 118*		*03/25/20 00:12*	*1*
Dibromofluoromethane	*90*		*81 - 121*		*03/25/20 00:12*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*		*03/25/20 00:12*	*1*

Method: 8015C - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<47		100	47	ug/L			03/23/20 00:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*107*		*78 - 119*		*03/23/20 00:37*	*1*

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185562-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 400-483445/4
Matrix: Water
Analysis Batch: 483445

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.52		1.0	0.52	ug/L			03/24/20 18:16	1
1,1,1-Trichloroethane	<0.50		1.0	0.50	ug/L			03/24/20 18:16	1
1,1,2,2-Tetrachloroethane	<0.50		1.0	0.50	ug/L			03/24/20 18:16	1
1,1,2-Trichloroethane	<0.50		5.0	0.50	ug/L			03/24/20 18:16	1
1,1-Dichloroethane	<0.50		1.0	0.50	ug/L			03/24/20 18:16	1
1,1-Dichloroethene	<0.50		1.0	0.50	ug/L			03/24/20 18:16	1
1,1-Dichloropropene	<0.50		1.0	0.50	ug/L			03/24/20 18:16	1
1,2,3-Trichlorobenzene	<0.70		1.0	0.70	ug/L			03/24/20 18:16	1
1,2,3-Trichloropropane	<0.84		5.0	0.84	ug/L			03/24/20 18:16	1
1,2,4-Trichlorobenzene	<0.82		1.0	0.82	ug/L			03/24/20 18:16	1
1,2,4-Trimethylbenzene	<0.82		1.0	0.82	ug/L			03/24/20 18:16	1
1,2-Dibromo-3-Chloropropane	<1.5		5.0	1.5	ug/L			03/24/20 18:16	1
1,2-Dichlorobenzene	<0.50		1.0	0.50	ug/L			03/24/20 18:16	1
1,2-Dichloroethane	<0.50		1.0	0.50	ug/L			03/24/20 18:16	1
1,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/24/20 18:16	1
1,3,5-Trimethylbenzene	<0.56		1.0	0.56	ug/L			03/24/20 18:16	1
1,3-Dichlorobenzene	<0.54		1.0	0.54	ug/L			03/24/20 18:16	1
1,3-Dichloropropane	<0.50		1.0	0.50	ug/L			03/24/20 18:16	1
1,4-Dichlorobenzene	<0.64		1.0	0.64	ug/L			03/24/20 18:16	1
2,2-Dichloropropane	<0.50		1.0	0.50	ug/L			03/24/20 18:16	1
2-Butanone (MEK)	<2.6		25	2.6	ug/L			03/24/20 18:16	1
2-Chlorotoluene	<0.57		1.0	0.57	ug/L			03/24/20 18:16	1
2-Hexanone	<3.1		25	3.1	ug/L			03/24/20 18:16	1
4-Chlorotoluene	<0.56		1.0	0.56	ug/L			03/24/20 18:16	1
4-Isopropyltoluene	<0.71		1.0	0.71	ug/L			03/24/20 18:16	1
4-Methyl-2-pentanone (MIBK)	<1.8		25	1.8	ug/L			03/24/20 18:16	1
Acetone	<10		25	10	ug/L			03/24/20 18:16	1
Benzene	<0.38		1.0	0.38	ug/L			03/24/20 18:16	1
Bromobenzene	<0.54		1.0	0.54	ug/L			03/24/20 18:16	1
Bromoform	<0.71		5.0	0.71	ug/L			03/24/20 18:16	1
Bromomethane	<0.98		1.0	0.98	ug/L			03/24/20 18:16	1
Carbon disulfide	<0.50		1.0	0.50	ug/L			03/24/20 18:16	1
Carbon tetrachloride	<0.50		1.0	0.50	ug/L			03/24/20 18:16	1
Chlorobenzene	<0.50		1.0	0.50	ug/L			03/24/20 18:16	1
Chlorobromomethane	<0.52		1.0	0.52	ug/L			03/24/20 18:16	1
Chlorodibromomethane	<0.50		1.0	0.50	ug/L			03/24/20 18:16	1
Chloroethane	<0.76		1.0	0.76	ug/L			03/24/20 18:16	1
Chloroform	<0.60		1.0	0.60	ug/L			03/24/20 18:16	1
Chloromethane	<0.83		1.0	0.83	ug/L			03/24/20 18:16	1
cis-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/24/20 18:16	1
cis-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/24/20 18:16	1
Dibromomethane	<0.59		5.0	0.59	ug/L			03/24/20 18:16	1
Dichlorobromomethane	<0.50		1.0	0.50	ug/L			03/24/20 18:16	1
Dichlorodifluoromethane	<0.85		1.0	0.85	ug/L			03/24/20 18:16	1
Ethylbenzene	<0.50		1.0	0.50	ug/L			03/24/20 18:16	1
Ethylene Dibromide	<0.50		1.0	0.50	ug/L			03/24/20 18:16	1
Hexachlorobutadiene	<0.90		5.0	0.90	ug/L			03/24/20 18:16	1
Iodomethane	<0.90		1.0	0.90	ug/L			03/24/20 18:16	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 400-483445/4
Matrix: Water
Analysis Batch: 483445

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl ether	<0.70		1.0	0.70	ug/L			03/24/20 18:16	1
Isopropylbenzene	<0.53		1.0	0.53	ug/L			03/24/20 18:16	1
Methyl tert-butyl ether	<0.74		1.0	0.74	ug/L			03/24/20 18:16	1
Methylene Chloride	<3.0		5.0	3.0	ug/L			03/24/20 18:16	1
m-Xylene & p-Xylene	<1.6		5.0	1.6	ug/L			03/24/20 18:16	1
Naphthalene	<1.0		1.0	1.0	ug/L			03/24/20 18:16	1
n-Butylbenzene	<0.76		1.0	0.76	ug/L			03/24/20 18:16	1
N-Propylbenzene	<0.69		1.0	0.69	ug/L			03/24/20 18:16	1
o-Xylene	<0.60		5.0	0.60	ug/L			03/24/20 18:16	1
sec-Butylbenzene	<0.70		1.0	0.70	ug/L			03/24/20 18:16	1
Styrene	<1.0		1.0	1.0	ug/L			03/24/20 18:16	1
tert-Butylbenzene	<0.63		1.0	0.63	ug/L			03/24/20 18:16	1
Tetrachloroethene	<0.58		1.0	0.58	ug/L			03/24/20 18:16	1
Toluene	<0.41		1.0	0.41	ug/L			03/24/20 18:16	1
trans-1,2-Dichloroethene	<0.50		1.0	0.50	ug/L			03/24/20 18:16	1
trans-1,3-Dichloropropene	<0.50		5.0	0.50	ug/L			03/24/20 18:16	1
Trichloroethene	<0.50		1.0	0.50	ug/L			03/24/20 18:16	1
Trichlorofluoromethane	<0.52		1.0	0.52	ug/L			03/24/20 18:16	1
Vinyl acetate	<2.0		25	2.0	ug/L			03/24/20 18:16	1
Vinyl chloride	<0.50		1.0	0.50	ug/L			03/24/20 18:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*78 - 118*		*03/24/20 18:16*	*1*
Dibromofluoromethane	*93*		*81 - 121*		*03/24/20 18:16*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*03/24/20 18:16*	*1*

Lab Sample ID: LCS 400-483445/1002
Matrix: Water
Analysis Batch: 483445

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	45.8		ug/L		92	67 - 131
1,1,1-Trichloroethane	50.0	42.8		ug/L		86	68 - 130
1,1,2,2-Tetrachloroethane	50.0	49.9		ug/L		100	70 - 131
1,1,2-Trichloroethane	50.0	43.3		ug/L		87	70 - 130
1,1-Dichloroethane	50.0	41.7		ug/L		83	70 - 130
1,1-Dichloroethene	50.0	41.6		ug/L		83	63 - 134
1,1-Dichloropropene	50.0	42.7		ug/L		85	70 - 130
1,2,3-Trichlorobenzene	50.0	59.1		ug/L		118	60 - 138
1,2,3-Trichloropropane	50.0	48.3		ug/L		97	70 - 130
1,2,4-Trichlorobenzene	50.0	58.4		ug/L		117	60 - 140
1,2,4-Trimethylbenzene	50.0	52.8		ug/L		106	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	48.7		ug/L		97	54 - 135
1,2-Dichlorobenzene	50.0	51.4		ug/L		103	67 - 130
1,2-Dichloroethane	50.0	35.1		ug/L		70	69 - 130
1,2-Dichloropropane	50.0	43.5		ug/L		87	70 - 130
1,3,5-Trimethylbenzene	50.0	53.4		ug/L		107	69 - 130
1,3-Dichlorobenzene	50.0	51.4		ug/L		103	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 400-483445/1002
Matrix: Water
Analysis Batch: 483445

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichloropropane	50.0	44.4		ug/L		89	70 - 130
1,4-Dichlorobenzene	50.0	52.5		ug/L		105	70 - 130
2,2-Dichloropropane	50.0	36.1		ug/L		72	52 - 135
2-Butanone (MEK)	200	140		ug/L		70	61 - 145
2-Chlorotoluene	50.0	52.9		ug/L		106	70 - 130
2-Hexanone	200	147		ug/L		74	65 - 137
4-Chlorotoluene	50.0	54.2		ug/L		108	70 - 130
4-Isopropyltoluene	50.0	54.1		ug/L		108	65 - 130
4-Methyl-2-pentanone (MIBK)	200	145		ug/L		72	69 - 138
Acetone	200	120		ug/L		60	43 - 160
Benzene	50.0	42.5		ug/L		85	70 - 130
Bromobenzene	50.0	53.1		ug/L		106	70 - 132
Bromoform	50.0	49.5		ug/L		99	57 - 140
Bromomethane	50.0	43.9		ug/L		88	10 - 160
Carbon disulfide	50.0	43.6		ug/L		87	61 - 137
Carbon tetrachloride	50.0	41.8		ug/L		84	61 - 137
Chlorobenzene	50.0	46.1		ug/L		92	70 - 130
Chlorobromomethane	50.0	46.4		ug/L		93	70 - 130
Chlorodibromomethane	50.0	44.9		ug/L		90	67 - 135
Chloroethane	50.0	45.3		ug/L		91	55 - 141
Chloroform	50.0	42.9		ug/L		86	69 - 130
Chloromethane	50.0	45.3		ug/L		91	58 - 137
cis-1,2-Dichloroethene	50.0	40.8		ug/L		82	68 - 130
cis-1,3-Dichloropropene	50.0	43.6		ug/L		87	69 - 132
Dibromomethane	50.0	41.6		ug/L		83	70 - 130
Dichlorobromomethane	50.0	42.7		ug/L		85	67 - 133
Dichlorodifluoromethane	50.0	49.5		ug/L		99	41 - 146
Ethylbenzene	50.0	45.2		ug/L		90	70 - 130
Ethylene Dibromide	50.0	44.4		ug/L		89	70 - 130
Hexachlorobutadiene	50.0	57.0		ug/L		114	53 - 140
Iodomethane	50.0	45.5		ug/L		91	27 - 159
Isopropyl ether	50.0	42.2		ug/L		84	64 - 132
Isopropylbenzene	50.0	46.2		ug/L		92	70 - 130
Methyl tert-butyl ether	50.0	41.5		ug/L		83	66 - 130
Methylene Chloride	50.0	49.4		ug/L		99	66 - 135
m-Xylene & p-Xylene	50.0	44.0		ug/L		88	70 - 130
Naphthalene	50.0	54.4		ug/L		109	47 - 149
n-Butylbenzene	50.0	58.1		ug/L		116	67 - 130
N-Propylbenzene	50.0	53.8		ug/L		108	70 - 130
o-Xylene	50.0	44.2		ug/L		88	70 - 130
sec-Butylbenzene	50.0	54.5		ug/L		109	66 - 130
Styrene	50.0	45.1		ug/L		90	70 - 130
tert-Butylbenzene	50.0	49.0		ug/L		98	64 - 139
Tetrachloroethene	50.0	44.7		ug/L		89	65 - 130
Toluene	50.0	41.5		ug/L		83	70 - 130
trans-1,2-Dichloroethene	50.0	45.7		ug/L		91	70 - 130
trans-1,3-Dichloropropene	50.0	44.4		ug/L		89	63 - 130
Trichloroethene	50.0	44.2		ug/L		88	70 - 130
Trichlorofluoromethane	50.0	43.6		ug/L		87	65 - 138

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 400-483445/1002
Matrix: Water
Analysis Batch: 483445

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Vinyl acetate			100	90.2		ug/L		90	26 - 160		
Vinyl chloride			50.0	47.7		ug/L		95	59 - 136		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*78 - 118*
Dibromofluoromethane	*93*		*81 - 121*
Toluene-d8 (Surr)	*107*		*80 - 120*

Lab Sample ID: 400-185706-A-1 MS
Matrix: Water
Analysis Batch: 483445

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1,1,2-Tetrachloroethane	<0.52		50.0	45.3		ug/L		91	59 - 137		
1,1,1-Trichloroethane	<0.50		50.0	41.8		ug/L		84	57 - 142		
1,1,2,2-Tetrachloroethane	<0.50		50.0	48.5		ug/L		97	66 - 135		
1,1,2-Trichloroethane	<0.50		50.0	45.0		ug/L		90	66 - 131		
1,1-Dichloroethane	<0.50		50.0	44.0		ug/L		88	61 - 144		
1,1-Dichloroethene	<0.50		50.0	43.1		ug/L		86	54 - 147		
1,1-Dichloropropene	<0.50		50.0	42.6		ug/L		85	65 - 136		
1,2,3-Trichlorobenzene	<0.70		50.0	52.3		ug/L		105	43 - 145		
1,2,3-Trichloropropane	<0.84		50.0	48.3		ug/L		97	65 - 133		
1,2,4-Trichlorobenzene	<0.82		50.0	50.6		ug/L		101	39 - 148		
1,2,4-Trimethylbenzene	<0.82		50.0	45.0		ug/L		90	50 - 139		
1,2-Dibromo-3-Chloropropane	<1.5		50.0	48.2		ug/L		96	45 - 135		
1,2-Dichlorobenzene	<0.50		50.0	46.1		ug/L		92	52 - 137		
1,2-Dichloroethane	<0.50		50.0	33.1		ug/L		66	60 - 141		
1,2-Dichloropropane	<0.50		50.0	43.5		ug/L		87	66 - 137		
1,3,5-Trimethylbenzene	<0.56		50.0	45.4		ug/L		91	52 - 135		
1,3-Dichlorobenzene	<0.54		50.0	44.8		ug/L		90	54 - 135		
1,3-Dichloropropane	<0.50		50.0	45.4		ug/L		91	66 - 133		
1,4-Dichlorobenzene	1.2		50.0	46.3		ug/L		90	53 - 135		
2,2-Dichloropropane	<0.50		50.0	35.9		ug/L		72	42 - 144		
2-Butanone (MEK)	<2.6		200	152		ug/L		76	55 - 150		
2-Chlorotoluene	<0.57		50.0	47.3		ug/L		95	53 - 134		
2-Hexanone	<3.1		200	155		ug/L		77	65 - 140		
4-Chlorotoluene	<0.56		50.0	46.2		ug/L		92	54 - 133		
4-Isopropyltoluene	<0.71		50.0	43.3		ug/L		87	48 - 139		
4-Methyl-2-pentanone (MIBK)	<1.8		200	152		ug/L		76	63 - 146		
Acetone	<10		200	133		ug/L		67	43 - 150		
Benzene	<0.38		50.0	43.3		ug/L		87	56 - 142		
Bromobenzene	<0.54		50.0	48.9		ug/L		98	59 - 136		
Bromoform	<0.71		50.0	48.5		ug/L		97	50 - 140		
Bromomethane	<0.98		50.0	42.2		ug/L		84	10 - 150		
Carbon disulfide	<0.50		50.0	44.0		ug/L		88	48 - 150		
Carbon tetrachloride	<0.50		50.0	41.6		ug/L		83	55 - 145		
Chlorobenzene	0.82	J	50.0	44.6		ug/L		88	64 - 130		
Chlorobromomethane	<0.52		50.0	43.1		ug/L		86	64 - 140		

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-185706-A-1 MS
Matrix: Water
Analysis Batch: 483445

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorodibromomethane	<0.50		50.0	45.2		ug/L		90	56 - 143
Chloroethane	<0.76		50.0	39.3		ug/L		79	50 - 150
Chloroform	<0.60		50.0	47.1		ug/L		94	60 - 141
Chloromethane	<0.83		50.0	43.7		ug/L		87	49 - 148
cis-1,2-Dichloroethene	0.95	J	50.0	42.2		ug/L		82	59 - 143
cis-1,3-Dichloropropene	<0.50		50.0	43.2		ug/L		86	57 - 140
Dibromomethane	<0.59		50.0	43.6		ug/L		87	63 - 138
Dichlorobromomethane	<0.50		50.0	43.7		ug/L		87	59 - 143
Dichlorodifluoromethane	<0.85		50.0	46.7		ug/L		93	16 - 150
Ethylbenzene	<0.50		50.0	41.7		ug/L		83	58 - 131
Ethylene Dibromide	<0.50		50.0	46.6		ug/L		93	64 - 132
Hexachlorobutadiene	<0.90		50.0	41.9		ug/L		84	31 - 149
Iodomethane	<0.90		50.0	50.1		ug/L		100	20 - 150
Isopropyl ether	<0.70		50.0	44.2		ug/L		88	60 - 144
Isopropylbenzene	<0.53		50.0	41.6		ug/L		83	56 - 133
Methyl tert-butyl ether	<0.74		50.0	43.7		ug/L		87	59 - 137
Methylene Chloride	<3.0		50.0	53.5		ug/L		107	60 - 146
m-Xylene & p-Xylene	<1.6		50.0	40.3		ug/L		81	57 - 130
Naphthalene	<1.0		50.0	52.8		ug/L		106	25 - 150
n-Butylbenzene	<0.76		50.0	44.3		ug/L		89	41 - 142
N-Propylbenzene	<0.69		50.0	44.7		ug/L		89	51 - 138
o-Xylene	<0.60		50.0	41.2		ug/L		82	61 - 130
sec-Butylbenzene	<0.70		50.0	44.6		ug/L		89	50 - 138
Styrene	<1.0		50.0	42.6		ug/L		85	58 - 131
tert-Butylbenzene	<0.63		50.0	42.5		ug/L		85	54 - 146
Tetrachloroethene	<0.58		50.0	41.6		ug/L		83	52 - 133
Toluene	<0.41		50.0	40.4		ug/L		81	65 - 130
trans-1,2-Dichloroethene	<0.50		50.0	45.0		ug/L		90	61 - 143
trans-1,3-Dichloropropene	<0.50		50.0	44.4		ug/L		89	53 - 133
Trichloroethene	<0.50		50.0	43.5		ug/L		87	64 - 136
Trichlorofluoromethane	<0.52		50.0	41.0		ug/L		82	54 - 150
Vinyl acetate	<2.0		100	87.0		ug/L		87	26 - 150
Vinyl chloride	<0.50		50.0	58.8		ug/L		118	46 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*78 - 118*
Dibromofluoromethane	*89*		*81 - 121*
Toluene-d8 (Surr)	*107*		*80 - 120*

Lab Sample ID: 400-185706-A-1 MSD
Matrix: Water
Analysis Batch: 483445

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<0.52		50.0	45.8		ug/L		92	59 - 137	1	30
1,1,1-Trichloroethane	<0.50		50.0	42.8		ug/L		86	57 - 142	2	30
1,1,2,2-Tetrachloroethane	<0.50		50.0	50.6		ug/L		101	66 - 135	4	30
1,1,2-Trichloroethane	<0.50		50.0	45.4		ug/L		91	66 - 131	1	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-185706-A-1 MSD
Matrix: Water
Analysis Batch: 483445

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	<0.50		50.0	44.3		ug/L		89	61 - 144	1	30
1,1-Dichloroethene	<0.50		50.0	43.5		ug/L		87	54 - 147	1	30
1,1-Dichloropropene	<0.50		50.0	43.0		ug/L		86	65 - 136	1	30
1,2,3-Trichlorobenzene	<0.70		50.0	54.4		ug/L		109	43 - 145	4	30
1,2,3-Trichloropropane	<0.84		50.0	47.8		ug/L		96	65 - 133	1	30
1,2,4-Trichlorobenzene	<0.82		50.0	51.9		ug/L		104	39 - 148	3	30
1,2,4-Trimethylbenzene	<0.82		50.0	45.4		ug/L		91	50 - 139	1	30
1,2-Dibromo-3-Chloropropane	<1.5		50.0	48.0		ug/L		96	45 - 135	0	30
1,2-Dichlorobenzene	<0.50		50.0	47.4		ug/L		95	52 - 137	3	30
1,2-Dichloroethane	<0.50		50.0	32.8		ug/L		66	60 - 141	1	30
1,2-Dichloropropane	<0.50		50.0	44.0		ug/L		88	66 - 137	1	30
1,3,5-Trimethylbenzene	<0.56		50.0	46.2		ug/L		92	52 - 135	2	30
1,3-Dichlorobenzene	<0.54		50.0	46.1		ug/L		92	54 - 135	3	30
1,3-Dichloropropane	<0.50		50.0	46.2		ug/L		92	66 - 133	2	30
1,4-Dichlorobenzene	1.2		50.0	46.5		ug/L		91	53 - 135	0	30
2,2-Dichloropropane	<0.50		50.0	32.2		ug/L		64	42 - 144	11	31
2-Butanone (MEK)	<2.6		200	152		ug/L		76	55 - 150	1	30
2-Chlorotoluene	<0.57		50.0	47.0		ug/L		94	53 - 134	1	30
2-Hexanone	<3.1		200	156		ug/L		78	65 - 140	1	30
4-Chlorotoluene	<0.56		50.0	46.9		ug/L		94	54 - 133	1	30
4-Isopropyltoluene	<0.71		50.0	44.7		ug/L		89	48 - 139	3	30
4-Methyl-2-pentanone (MIBK)	<1.8		200	153		ug/L		77	63 - 146	1	30
Acetone	<10		200	129		ug/L		64	43 - 150	3	30
Benzene	<0.38		50.0	42.3		ug/L		85	56 - 142	2	30
Bromobenzene	<0.54		50.0	48.3		ug/L		97	59 - 136	1	30
Bromoform	<0.71		50.0	50.1		ug/L		100	50 - 140	3	30
Bromomethane	<0.98		50.0	57.0		ug/L		114	10 - 150	30	50
Carbon disulfide	<0.50		50.0	43.3		ug/L		87	48 - 150	2	30
Carbon tetrachloride	<0.50		50.0	40.8		ug/L		82	55 - 145	2	30
Chlorobenzene	0.82	J	50.0	45.3		ug/L		89	64 - 130	2	30
Chlorobromomethane	<0.52		50.0	48.1		ug/L		96	64 - 140	11	30
Chlorodibromomethane	<0.50		50.0	45.3		ug/L		91	56 - 143	0	30
Chloroethane	<0.76		50.0	46.8		ug/L		94	50 - 150	17	30
Chloroform	<0.60		50.0	45.4		ug/L		91	60 - 141	4	30
Chloromethane	<0.83		50.0	45.9		ug/L		92	49 - 148	5	31
cis-1,2-Dichloroethene	0.95	J	50.0	42.5		ug/L		83	59 - 143	1	30
cis-1,3-Dichloropropene	<0.50		50.0	44.1		ug/L		88	57 - 140	2	30
Dibromomethane	<0.59		50.0	43.9		ug/L		88	63 - 138	1	30
Dichlorobromomethane	<0.50		50.0	43.3		ug/L		87	59 - 143	1	30
Dichlorodifluoromethane	<0.85		50.0	52.8		ug/L		106	16 - 150	12	31
Ethylbenzene	<0.50		50.0	42.3		ug/L		85	58 - 131	1	30
Ethylene Dibromide	<0.50		50.0	46.4		ug/L		93	64 - 132	0	30
Hexachlorobutadiene	<0.90		50.0	44.3		ug/L		89	31 - 149	6	36
Iodomethane	<0.90		50.0	51.6		ug/L		103	20 - 150	3	44
Isopropyl ether	<0.70		50.0	43.1		ug/L		86	60 - 144	3	30
Isopropylbenzene	<0.53		50.0	42.2		ug/L		84	56 - 133	1	30
Methyl tert-butyl ether	<0.74		50.0	43.7		ug/L		87	59 - 137	0	30
Methylene Chloride	<3.0		50.0	55.5		ug/L		111	60 - 146	4	32
m-Xylene & p-Xylene	<1.6		50.0	40.4		ug/L		81	57 - 130	0	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-185706-A-1 MSD
Matrix: Water
Analysis Batch: 483445

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene	<1.0		50.0	56.2		ug/L		112	25 - 150	6	30
n-Butylbenzene	<0.76		50.0	45.4		ug/L		91	41 - 142	2	31
N-Propylbenzene	<0.69		50.0	45.0		ug/L		90	51 - 138	1	30
o-Xylene	<0.60		50.0	41.7		ug/L		83	61 - 130	1	30
sec-Butylbenzene	<0.70		50.0	45.3		ug/L		91	50 - 138	2	30
Styrene	<1.0		50.0	43.3		ug/L		87	58 - 131	2	30
tert-Butylbenzene	<0.63		50.0	42.7		ug/L		85	54 - 146	0	30
Tetrachloroethene	<0.58		50.0	41.2		ug/L		82	52 - 133	1	30
Toluene	<0.41		50.0	41.4		ug/L		83	65 - 130	3	30
trans-1,2-Dichloroethene	<0.50		50.0	45.5		ug/L		91	61 - 143	1	30
trans-1,3-Dichloropropene	<0.50		50.0	43.0		ug/L		86	53 - 133	3	30
Trichloroethene	<0.50		50.0	42.3		ug/L		85	64 - 136	3	30
Trichlorofluoromethane	<0.52		50.0	43.0		ug/L		86	54 - 150	5	30
Vinyl acetate	<2.0		100	90.6		ug/L		91	26 - 150	4	33
Vinyl chloride	<0.50		50.0	60.7		ug/L		121	46 - 150	3	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*78 - 118*
Dibromofluoromethane	*92*		*81 - 121*
Toluene-d8 (Surr)	*108*		*80 - 120*

Method: 8015C - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 400-483073/4
Matrix: Water
Analysis Batch: 483073

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	<47		100	47	ug/L			03/22/20 12:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid)	*107*		*78 - 119*		*03/22/20 12:55*	*1*

Lab Sample ID: LCS 400-483073/1003
Matrix: Water
Analysis Batch: 483073

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO) -C6-C10			1000	890		ug/L		89	85 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (fid)	*103*		*78 - 119*

Method: 8015C - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: 400-185616-C-1 MS
Matrix: Water
Analysis Batch: 483073

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO) -C6-C10	<47		1000	932		ug/L		93	35 - 150		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (fid)	*98*		*78 - 119*

Lab Sample ID: 400-185616-C-1 MSD
Matrix: Water
Analysis Batch: 483073

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C6-C10	<47		1000	938		ug/L		94	35 - 150	1	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene (fid)	*101*		*78 - 119*

QC Association Summary

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185562-1

GC/MS VOA

Analysis Batch: 483445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185562-1	TMW-2	Total/NA	Water	8260B	
MB 400-483445/4	Method Blank	Total/NA	Water	8260B	
LCS 400-483445/1002	Lab Control Sample	Total/NA	Water	8260B	
400-185706-A-1 MS	Matrix Spike	Total/NA	Water	8260B	
400-185706-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	

GC VOA

Analysis Batch: 483073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-185562-1	TMW-2	Total/NA	Water	8015C	
MB 400-483073/4	Method Blank	Total/NA	Water	8015C	
LCS 400-483073/1003	Lab Control Sample	Total/NA	Water	8015C	
400-185616-C-1 MS	Matrix Spike	Total/NA	Water	8015C	
400-185616-C-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8015C	

Lab Chronicle

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185562-1

Client Sample ID: TMW-2

Date Collected: 03/18/20 13:10
Date Received: 03/19/20 09:11

Lab Sample ID: 400-185562-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	483445	03/25/20 00:12	PP1	TAL PEN
Total/NA	Analysis	8015C		1	483073	03/23/20 00:37	GRK	TAL PEN

Laboratory References:

TAL PEN = Eurofins TestAmerica, Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Accreditation/Certification Summary

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185562-1

Laboratory: Eurofins TestAmerica, Pensacola

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Virginia	NELAP	460166	06-14-20

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260B		Water	Dibromofluoromethane

Method Summary

Client: SCS Engineers
Project/Site: Snyder Lot

Job ID: 400-185562-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PEN
8015C	Gasoline Range Organics (GRO) (GC)	SW846	TAL PEN
5030B	Purge and Trap	SW846	TAL PEN
5030C	Purge and Trap	SW846	TAL PEN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = Eurofins TestAmerica, Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Eurofins TestAmerica, Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone: 850-474-1001 Fax: 850-478-2671

Chain of Custody Record

eurofins | Env Test

400-185562 COC

Client Information	Sampler: William Richardson	Lab PM: Swafford, Mark H	Carrier Tracking No(s):	COC No: 400-93356-33886.1
Client Contact: Alexis Holcomb	Phone: 757 4663361	E-Mail: mark.swafford@testamericainc.com		Page: Page 1 of 1
Company: SCS Engineers				Job #:
Address: 2877 Guardian Lane Suite 1-F	Due Date Requested:			
City: Virginia Beach	TAT Requested (days): Same as prior COC			
State, Zip: VA, 23452				
Phone: 757-201-9264(Tel)	PO #: PO 02-RE03788-5			
Email: AHolcomb@scsengineers.com WRichardson@scsengineers.com	WO #:			
Project Name: Snyder Lot-Water	Project #: 40005152			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015C_GRO - GRO (C6 - C10)	8260B - VOC	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A		
TMW-2	3/18/20	1310	G	Water			X	X	6	

Virginia Beach #202

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

	Date/Time	Company		Date/Time	Company
Relinquished by: William Richardson	3/18/20 1402	SCS	Received by:	3/18/20 1402	ETA
Relinquished by:	3/18/20 1600	ETA	Received by:		
Relinquished by:	Date/Time:	Company	Received by:	3.19.20 9:11	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 5.8°C, 5.9°C IR7

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: SCS Engineers

Job Number: 400-185562-1

Login Number: 185562
List Number: 1
Creator: Conrady, Hank W

List Source: Eurofins TestAmerica, Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.8°° 5.9°C IR-7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX E – GPR REPORT

ACCUMARK
Subsurface Utility Services
9500 King Air Court
Ashland, VA 23005
(800) 542-2990

Date: March 4, 2020

Company: SCS Engineering
Contact: Keith Matterson
Location: Synder Lot Site (Plume St. / St. Paul's Blvd.)
Name of Accumark GPR Surveyor: Jim Disbrow
Subject: Using Ground Penetrating Radar to Locate Underground Storage Tanks (UST's)

Intro:

Mr. Matterson requested an Accumark team to survey two specific areas on 3/4/2020 in the Synder parking lot located on the corner of E. Plume St. / St. Paul's Blvd. A GSSI 400 MHz antenna was utilized in the survey, the unit was calibrated onsite to be more accurate for collecting and displaying any information onsite. The top surface of material was asphalt. The consistent depth of measure was set at 15'in depth. The soil information that was collected with ground penetrating radar (GPR) was good to fair. Weather condition were clear and Temps were between 54-71 degrees.

Field Notes:

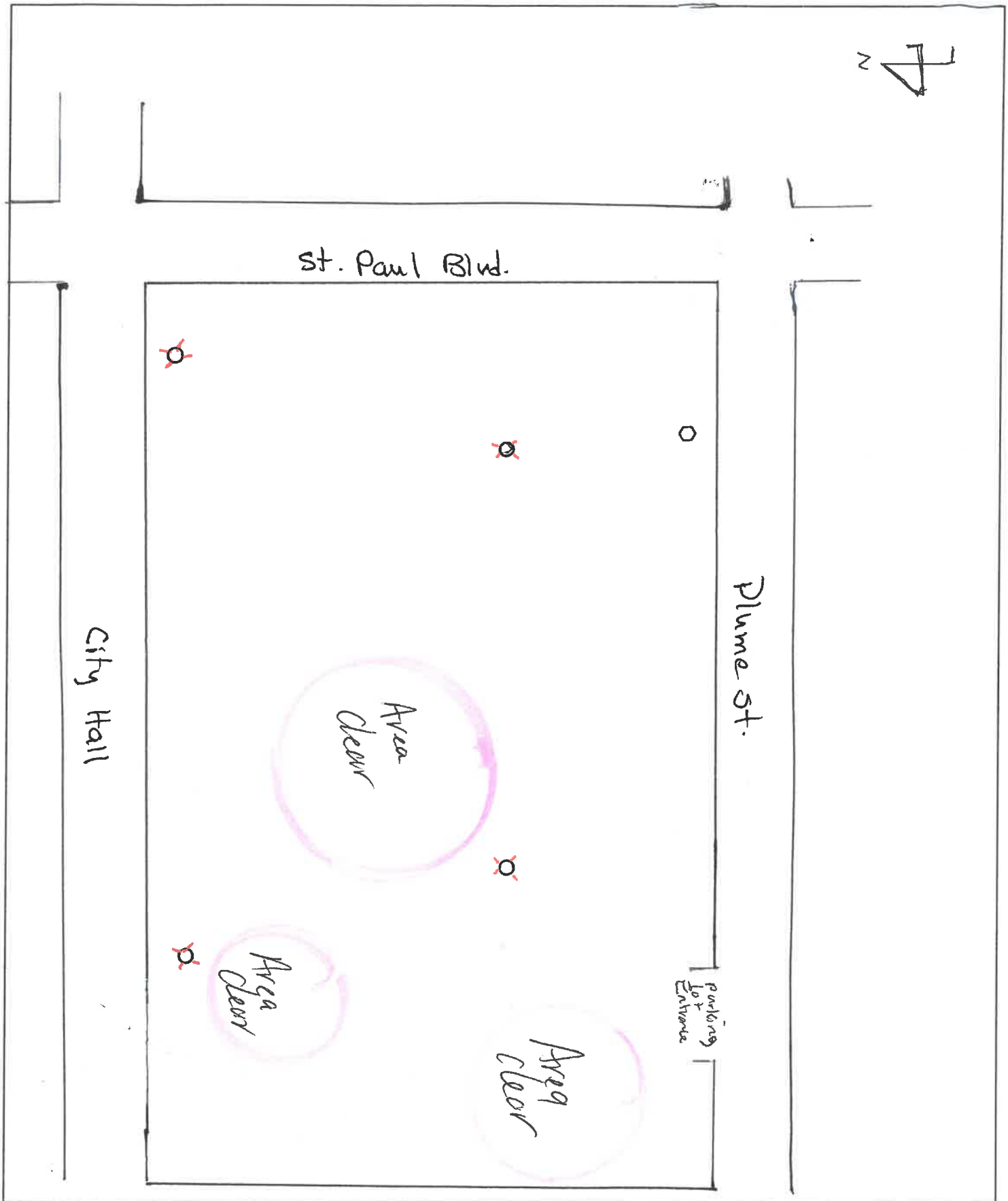
The crew arrived onsite at 6:45am at the request of the contractor due to the nature of the parking situation in down town Norfolk. The crew put road cones to mark off designated GPR survey locations. As expected the parking lot filled with cars at an accelerated rate with morning commuters. As the time of the survey progressed we had to work around parked cars due to this being a paid commuter parking lot, as well as conversing at end of the survey with Norfolk meter personal telling us to vacate the area. The machine was calibrated on site, Information was gathered using 2' width spacing in a cross hatching as well as a diagonal pattern to cover areas of concern. The instructions given were to locate UST's, our onsite contact altered the information to include a vertical underground fuel pipe as well. The GPR technician explained looking for a vertical pipe with a thin wall radius would be very difficult to locate without knowing where it would be located and running on top of the pipe just right where it would create a void in the raw data. One location was expanded from the previous information submitted by 20-30' from the original boundary of the concerned area from the client.

Job Summary:

No underground storage tanks/ Vertical pipe were located in the concern areas.

Thank you for giving us the opportunity to assist you in this project, we look forward to assisting you in future projects. If you have any questions or concerns about the information displayed in this write-up, we would happily converse with you at your convenience.

Jim Disbrow
Field Project Manager/ Senior GPR Technician
S.M.A.R.T Member
Email: JDisbrow@accumark.us
Office: 804.550.7740
Cell: 757.633.1107



DATE	JOB NAME / LOCATION		JOB #	DRAWN BY	REVIEWED BY	SHEET
3/4/20	Synder lot site E Plume St and St. Paul's Blvd	ACCUMARK Subsurface Utility Services (800) 542-2990 www.accumark.us	20-094	JAM	JRP	1 OF 1

APPENDIX F – DEQ CORRESPONDENCE

Commonwealth of Virginia

VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

TIDEWATER REGIONAL OFFICE
5636 Southern Boulevard, Virginia Beach, Virginia 23462
(757) 518-2000 FAX (757) 518-2009
www.deq.virginia.gov

Matthew J. Strickler
Secretary of Natural Resources

David K. Paylor
Director
(804) 698-4000

Craig R. Nicol
Regional Director

April 21, 2020

(Via email at rjackson@nrha.us)

Mr. Ronald Jackson
Executive Director
Norfolk Redevelopment and Housing Authority
P.O. Box 968
Norfolk, VA 23501

RE: Environmental Pollution Report (EPR)
Site Name/Location: Norfolk, City of - Snyder Lot Site, 550 E. Plume Street
DEQ Tracking Number: PC# **2020-5197**

Dear Mr. Jackson:

Thank you for submitting to the Department of Environmental Quality (DEQ) the subject report, received on April 17, 2020, regarding the potential release from the former "Imperial Gas Machine" business located in the northwest section of the City of Norfolk's Snyder Lot site.

Based upon the information you have provided, the State Water Control Board acting through the DEQ, as authorized by CODE § 62.1-44.34: 8 through 9 and 9 VAC 25-580-10 et seq., believes that contamination levels at this site do not warrant further corrective action. This pollution complaint case is now closed. Should future environmental problems occur, which DEQ determines are related to this discharge, additional investigation and corrective action may be required in accordance with State Law.

If you have any questions regarding this matter, please contact me by e-mail at Brenda.Brown@deq.virginia.gov or by phone at 518-2188.

Sincerely,

Brenda L. Brown

Brenda L. Brown
Geologist Senior II
Remediation Program

cc: Keith Matteson (via email at kmatteson@scsengineers.com)